

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Cane Creek Unit 36-2H					
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT BIG FLAT					
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME CANE CREEK					
6. NAME OF OPERATOR FIDELITY E&P COMPANY						7. OPERATOR PHONE 720 931-6459					
8. ADDRESS OF OPERATOR 1700 Lincoln Street Ste 2800, Denver, CO, 80203						9. OPERATOR E-MAIL Robert.Sencenbaugh@fidelityepco.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-40571			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP		RANGE	MERIDIAN		
LOCATION AT SURFACE		267 FSL 754 FWL		SWSW	36	25.0 S		19.0 E	S		
Top of Uppermost Producing Zone		105 FNL 1208 FWL		NWNW	1	26.0 S		19.0 E	S		
At Total Depth		2080 FSL 318 FWL		NWSW	6	26.0 S		20.0 E	S		
21. COUNTY GRAND			22. DISTANCE TO NEAREST LEASE LINE (Feet) 267			23. NUMBER OF ACRES IN DRILLING UNIT 1951					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40			26. PROPOSED DEPTH MD: 13507 TVD: 7568					
27. ELEVATION - GROUND LEVEL 5797			28. BOND NUMBER 190017646/104891324			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Municipal					
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Cond	26	20					Unknown	20	0.0	0.0	
Surf	17.5	13.375	0 - 1070	54.5	J-55 Butress	0.0	Type III	303	2.47	12.3	
							Type III	200	2.14	14.2	
I1	12.25	9.625	0 - 4180	40.0	L-80 Butress	0.0	Class G	660	1.25	14.4	
							Class G	250	1.25	14.4	
Prod	8.5	7	0 - 3950	29.0	P-110 Other	16.5	Class G	800	1.44	16.8	
			3950 - 7850	32.0	HCP-110 LT&C	16.5	Class G	350	1.73	18.0	
			7850 - 13507	29.0	P-110 Other	16.5	None				
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Joy Gardner				TITLE Sr. Engineering Tech				PHONE 720 956-5763			
SIGNATURE				DATE 07/16/2013				EMAIL joy.gardner@fidelityepco.com			
API NUMBER ASSIGNED 43019500330000				APPROVAL Permit Manager							

RECEIVED: October 07, 2013

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-2H
SEC 36 / T25S / R19E, SWSW, 267' FSL & 754 FWL
GRAND COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Sub-Sea (ft)	Lithology	Objective
Windgate Sand	N/A		Sandstone	
Chinle	Surface	+5,795	Sand/Shale	
Moenkopi	258	+5,560	Sand/Shale	
Cutler	722	+5,096	Sandstone	
Honaker Trail	3,645	+2,173	Sand/Evaporite	
Paradox	3,668	+2,130	Salt/Clastics	Secondary
Cane Creek Shale	7,291	-1,473	Shale	Primary
T.D.	7,568			
T.D. (LATERAL MD)	±13,507			

Estimated TD: **7,568' TVD/ 13,507' MD****Anticipated BHP: ±5,759 Psig**

1. Lost circulation in all intervals.
2. Cement isolation is installed to surface of the well isolating all zones by cement and casing.

3. PRESSURE CONTROL EQUIPMENT:Intermediate & Production Hole – 10,000 Psig
BOP schematic diagrams attached.**4. CASING PROGRAM:**

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Collapse (psi) a	Burst (psi) b	Tensile (1K lbs) c
Conductor	26"	0 – ±90'	20"						
Surface	17 1/2"	0' – 1,070'	13 3/8"	54.5#	J-55	BTC	1130/2.1	2730/3.0	909/2.5
Intermediate	12 1/4"	0 – 4,180'	9-5/8"	40.0#	L-80	BTC	3,090/1.5	5,750/1.2	947/2.1
Production	8-1/2"	0 – 3,950'	7"	29#	P-110	BTC	8,530/1.3	11,220/2.0	955/2.1
Production	8-1/2"	3,950 – 7,850'	7"	32#	HCP-110	BTC	11,890/1.9	12,460/2.0	955/2.1
Production	8-1/2"	7,850 – 13,507'	7"	29#	P-110	BTC	8,530/1.3	11,220/2.0	955/2.1

Surface based on full evacuation: a=9.0 ppg fluid on backside, b=9.0 ppg inside, & c=9.0 ppg fluid + 100K overpull.

Intermediate based on full evacuation: a=9.0 ppg fluid on backside, b=9.0 ppg inside, & c=9.0 ppg fluid + 100K overpull.

Production based on full evacuation: a=16.5 ppg fluid on backside, b=16.5 ppg inside, & c=16.5 ppg fluid + 100K overpull

All casing will be new or inspected.

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-2H
SEC 36 / T25S / R19E, SWSW, 267' FSL & 754 FWL
GRAND COUNTY, UTAH

5. Float Equipment:**Surface Hole Procedure (0' - 1070'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (23 total)**Intermediate Hole Procedure (0' - 4,180±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of joints. #2 and #3 then every 3rd joint to surface. (33 total)**Production Hole Procedure (0' - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. Thread lock float shoe, top and bottom of float collar, and top of 2nd joint. 1 centralizer per joint in the lateral (length TBD) and 2 per joint in the curve from 90° to 45°, 1 per joint to ±6,550'. (Approximately 150)

6. MUD PROGRAM

Interval	Mud Type	Mud Wt.	PV / YP	OWR
0' - 1,000'	Air Mist	---	---	---
1,000' - 4,180'	Air Mist/Aerated Water	---	---	---
4,180' - 13,507'	Oil Based Mud	13.5-16.5 ppg	22-32 / 12-22	+/-90:10

Intermediate & Production Hole Procedure (4,180' - TD): Anticipated mud weight 13.5 – 16.5 ppg depending on actual wellbore conditions encountered while drilling.

An oil based mud (OBM) system will be used to prevent fluid interaction with the salts and shales. LCM sweeps, pills, etc., will be used to prevent fluid loss. Adequate amounts of weighting material will be on hand as needed for well control.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1
Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- Fidelity E&P. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- Fidelity E&P requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-2H SEC 36 / T25S / R19E, SWSW, 267' FSL & 754 FWL GRAND COUNTY, UTAH

- Fidelity E&P requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- Fidelity E&P requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- Fidelity E&P requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

8. EVALUATION PROGRAM:

Mud Logs: Mud log from 1,055' to TD.
Open-hole Logs: Triple-Combo, ECS, OBM FMI

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface – 1,070'±):

Lead: 303 sks Type III Halliburton cement + 2% Sodium Silicate + 2% Gypsum. Yield = 2.47 ft³/sk @ 12.30 ppg
Tail: 200 sks Type III Halliburton cement + 2% Sodium Silicate + 2% Gypsum. Yield = 2.14 ft³/sk @ 14.20 ppg.
Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk LCM mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.
Note: Cement volumes will be calculated to bring lead cement to surface.

Intermediate Hole Procedure (Surface – 4,180'±):

Lead: 660 sks 66 pps Class G + 14 pps Pozz + 0.2% Sodium Silicate + 2 pps Gypsum. Yield = 1.25 ft³/sk @ 14.40 ppg
Tail: 250 sks 66 pps Class G + 14 pps Pozz + 0.2% Sodium Silicate + 2 pps Gypsum + Nitrogen. Yield = 1.25 ft³/sk @ 14.4 ppg
Top Out: As necessary with Class "G" cement with 2% CaCl₂, ¼#/sk LCM mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Production Hole Procedure (4,180 – TD):

Lead: 800 sks Weighted Class G + 10% Silica Flour + 25% 100 Mesh sand. Yield = 1.44 ft³/sk @ 16.80 ppg.
Tail: 350 sks Class G cement + 75 pps Hematite. Yield = 1.73 ft³/sk @ 18.00 ppg.
Note: The above number of sacks is based on gauge-hole calculation, 0% excess.
Final Cement volumes will be based upon gauge-hole plus 30% excess and the actual depth drilled to.

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-2H
SEC 36 / T25S / R19E, SWSW, 267' FSL & 754 FWL
GRAND COUNTY, UTAH

10. ABNORMAL CONDITIONS:

Surface Hole (Surface – 1,070'±):

Lost circulation.

Intermediate & Production Hole (1,070'± - TD):

Lost circulation zones and over pressure in the production zone.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

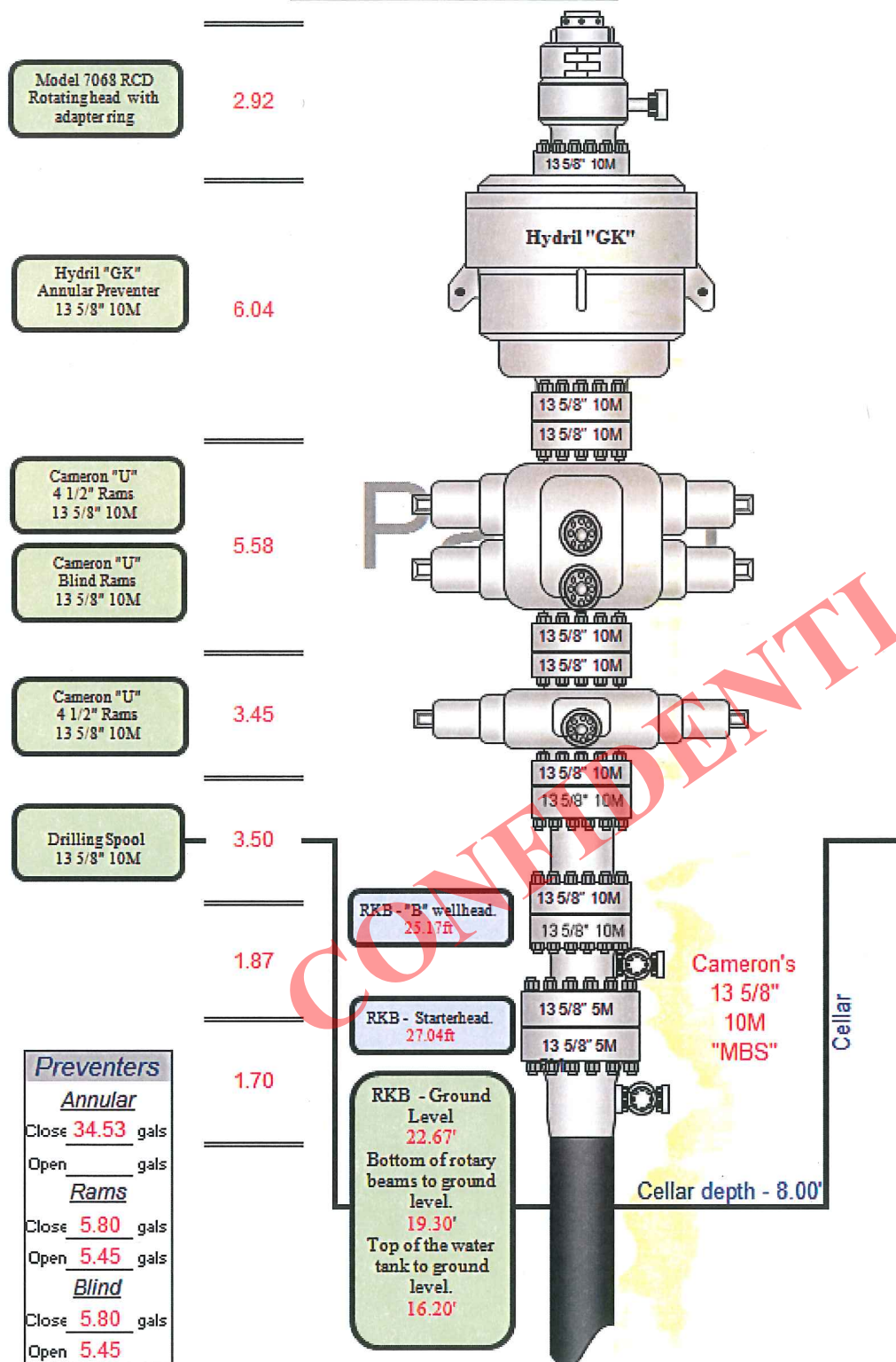
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

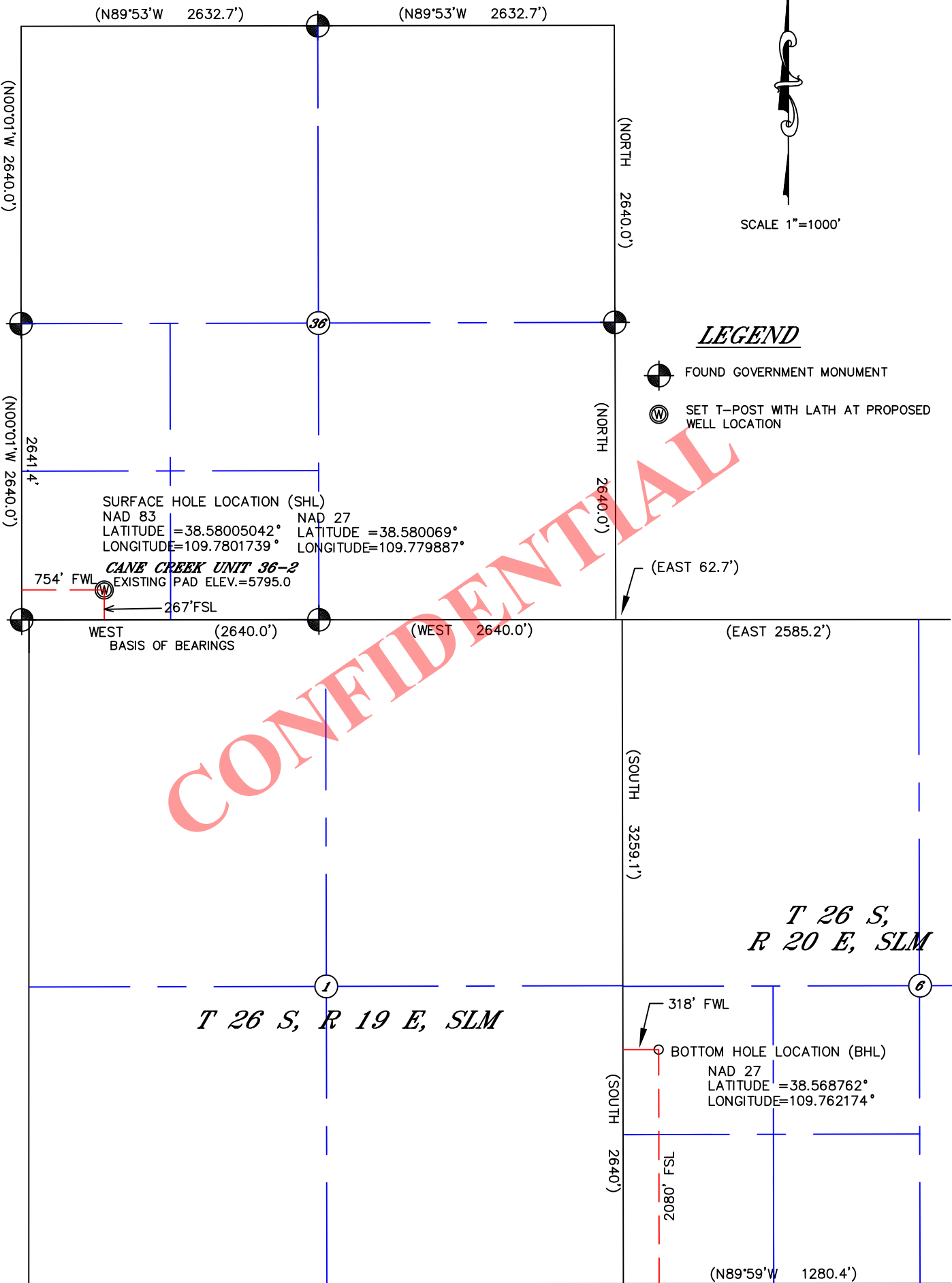
CONFIDENTIAL

Fidelity Exploration & Production Company Eight Point Plan

CANE CREEK 36-2H
SEC 36 / T25S / R19E, SWSW, 267' FSL & 754 FWL
GRAND COUNTY, UTAH



SECTION 36, T 25 S, R 19 E, SLM



NOTES: DATA IN PARENTHESIS IS OF RECORD. ALL OTHER DATA IS SURVEYED DATA.

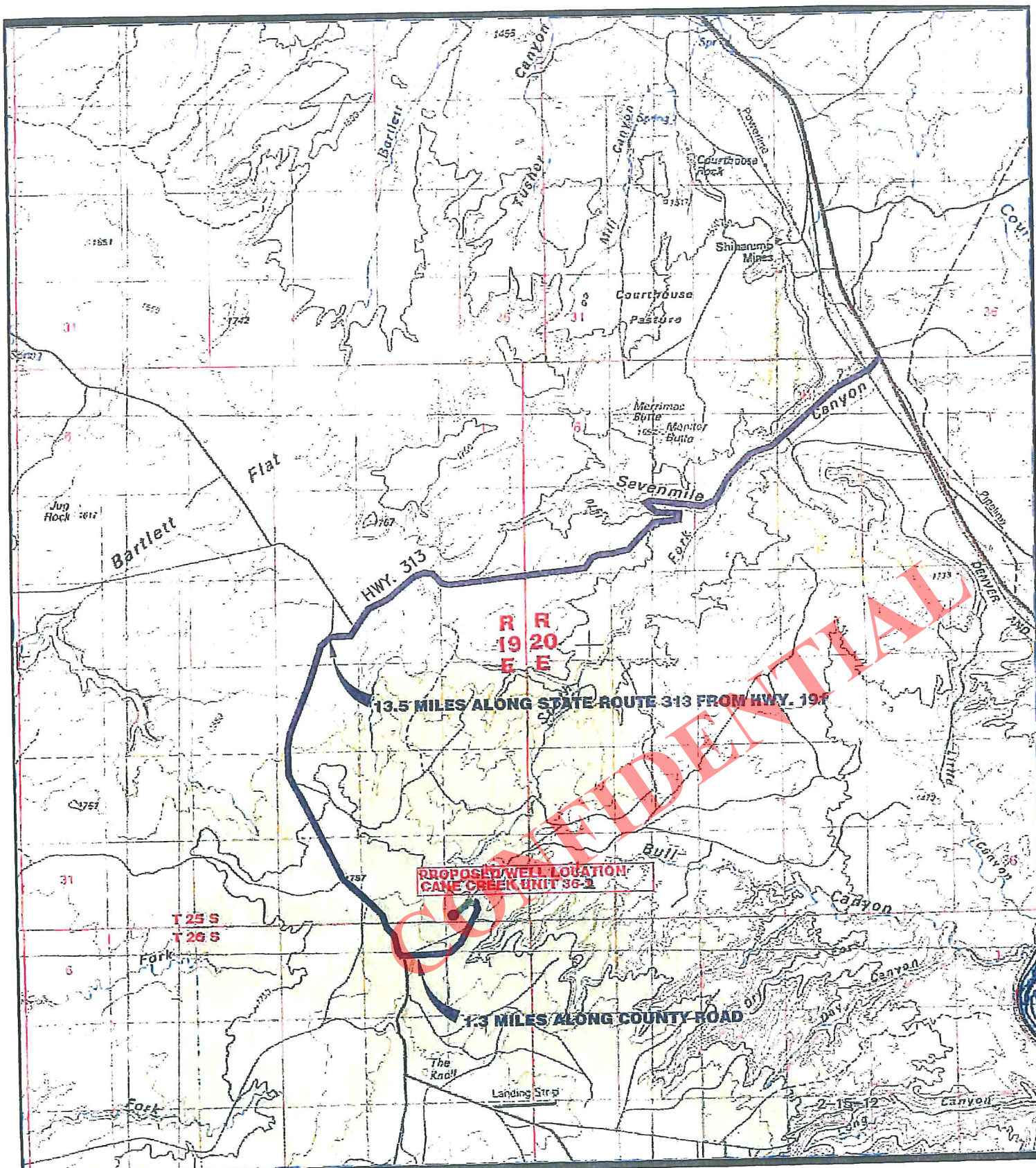
Timothy M. Keogh
TIMOTHY M. KEOGH
09-18-13
DATE

REGISTERED LAND SURVEYOR
No 171004
TIMOTHY M. KEOGH
STATE OF UTAH

KEOGH LAND SURVEYING
45 EAST CENTER STREET MOAB, UTAH, 84532

A PLAT OF
CANE CREEK UNIT 36-2
WITHIN SECTION 36, T 25 S, R 19 E, SLM,
GRAND COUNTY, UTAH
PREPARED FOR
FIDELITY EXPLORATION & PRODUCTION CO.

DATE: 09-18-13	DRAWN BY: TMK	CHECKED BY: TMK
SCALE: 1"=1000'	F.B.# TDC1	36-2 CCU.DWG



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED
- EXISTING ROAD

TOPOGRAPHIC MAP "A"

DATE: 2-15-12

SCALE: 1:100000

SURVEYED 2-15-12

DRAWN BY: TMK

REVISED:

FIDELITY EXPLORATION & PRODUCTION CO.

PROPOSED ACCESS TO

CANE CREEK UNIT 36-2

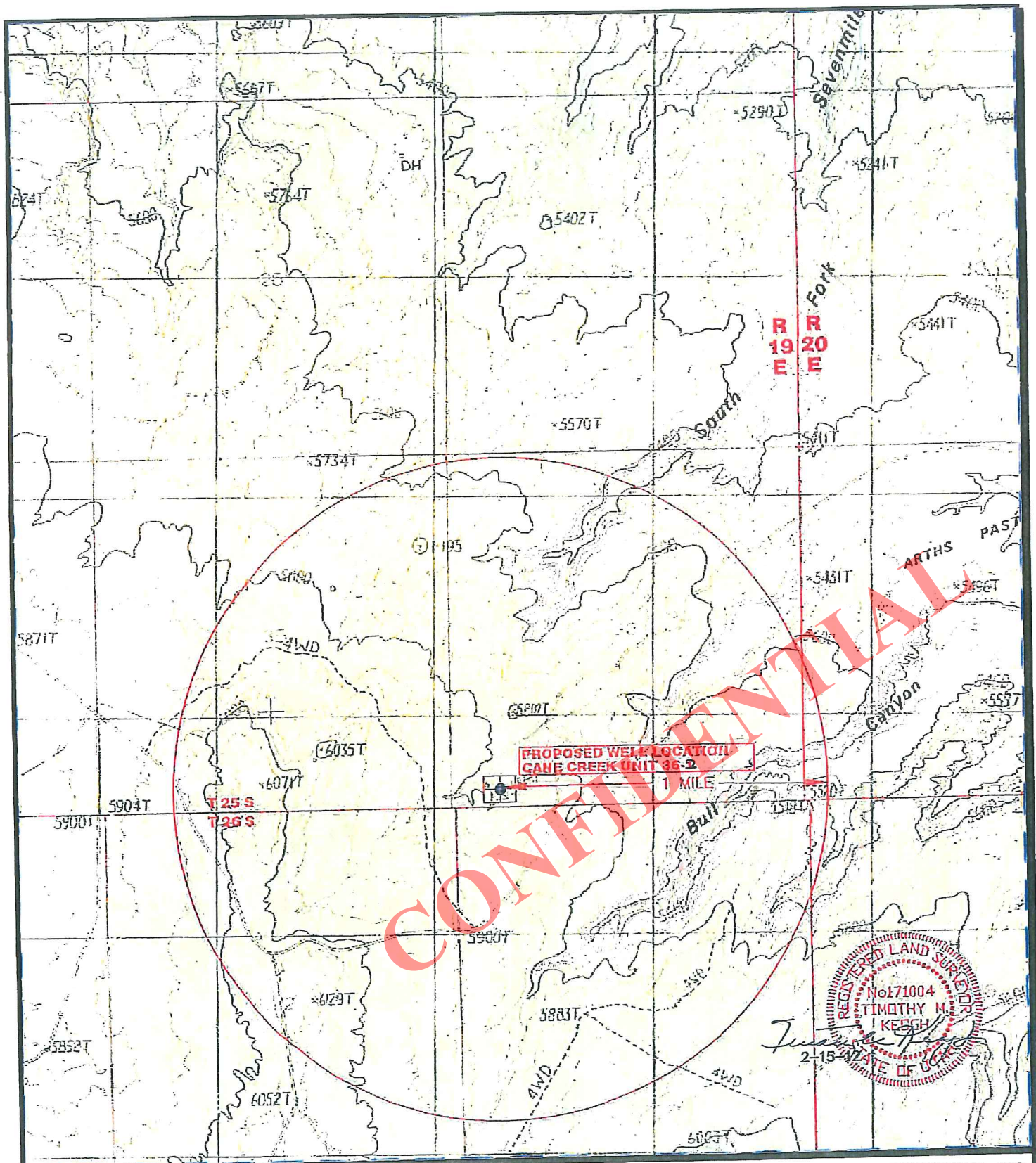
WITHIN SECTION 36, T 25 S, R 19 E, SLM, GRAND COUNTY, UTAH

267 FT. FSL & 774 FT. FWL

KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED

TOPOGRAPHIC MAP "C"

DATE: 2-15-12
SCALE: 1"=2000'
SURVEYED 2-15-12

DRAWN BY: TMK REVISED:

FIDELITY EXPLORATION & PRODUCTION CO.

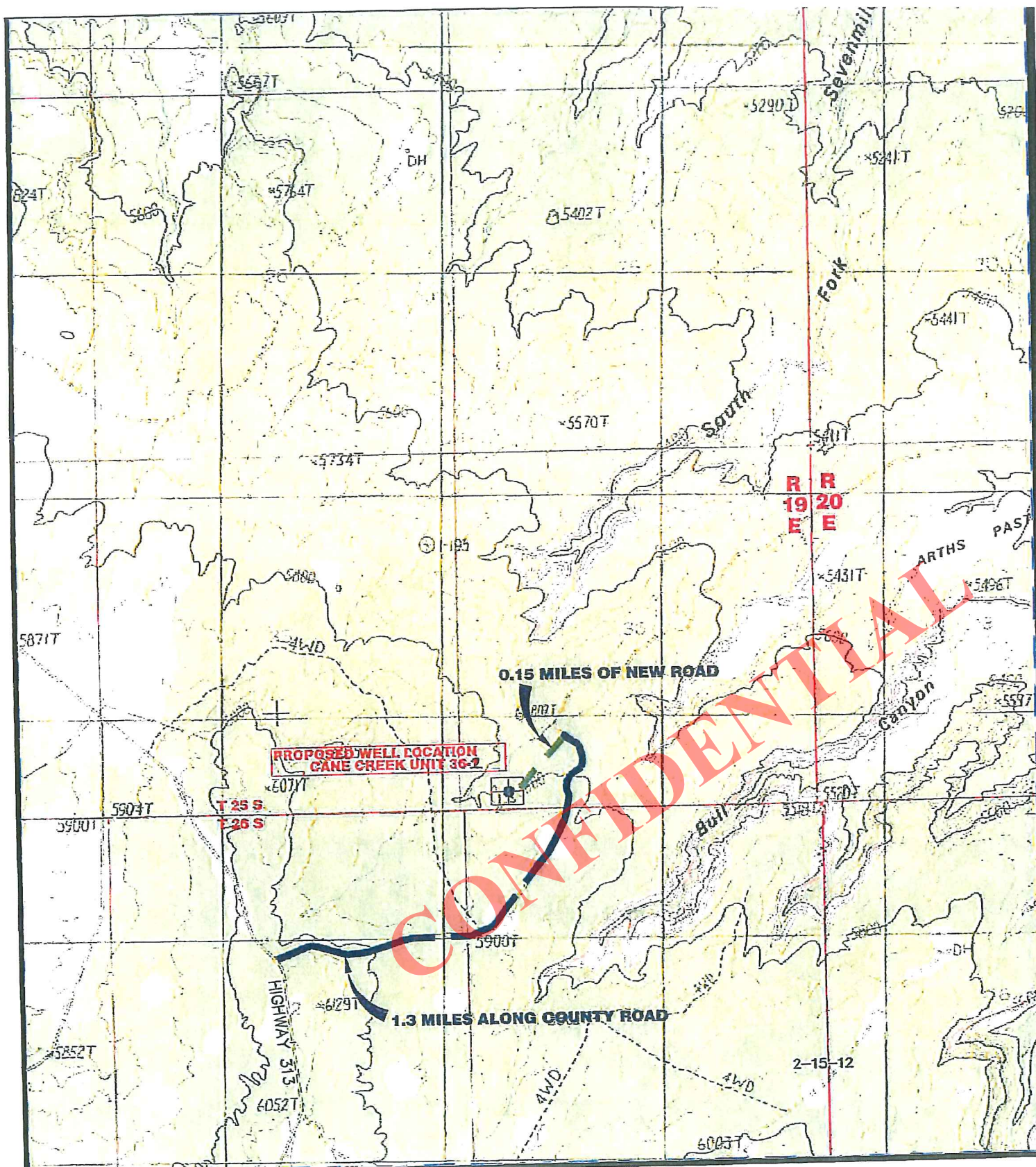
PROPOSED ACCESS TO
CANE CREEK UNIT 36-2

WITHIN SECTION 36, T 25 S, R 19 E, SLM, GRAND COUNTY, UTAH
267 FT. FSL & 774 FT. FWL

KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532



LEGEND

- PROPOSED WELL
- PROPOSED ACCESS TO SUBJECT WELL
- ROAD TO OTHER WELLS
- EXISTING ROAD TO BE IMPROVED

TOPOGRAPHIC MAP "B"

DATE: 2-09-12

SCALE: 1"=2000'

DRAWN BY: TMK

REVISED:

SURVEYED 2-15-12

FIDELITY EXPLORATION & PRODUCTION CO.

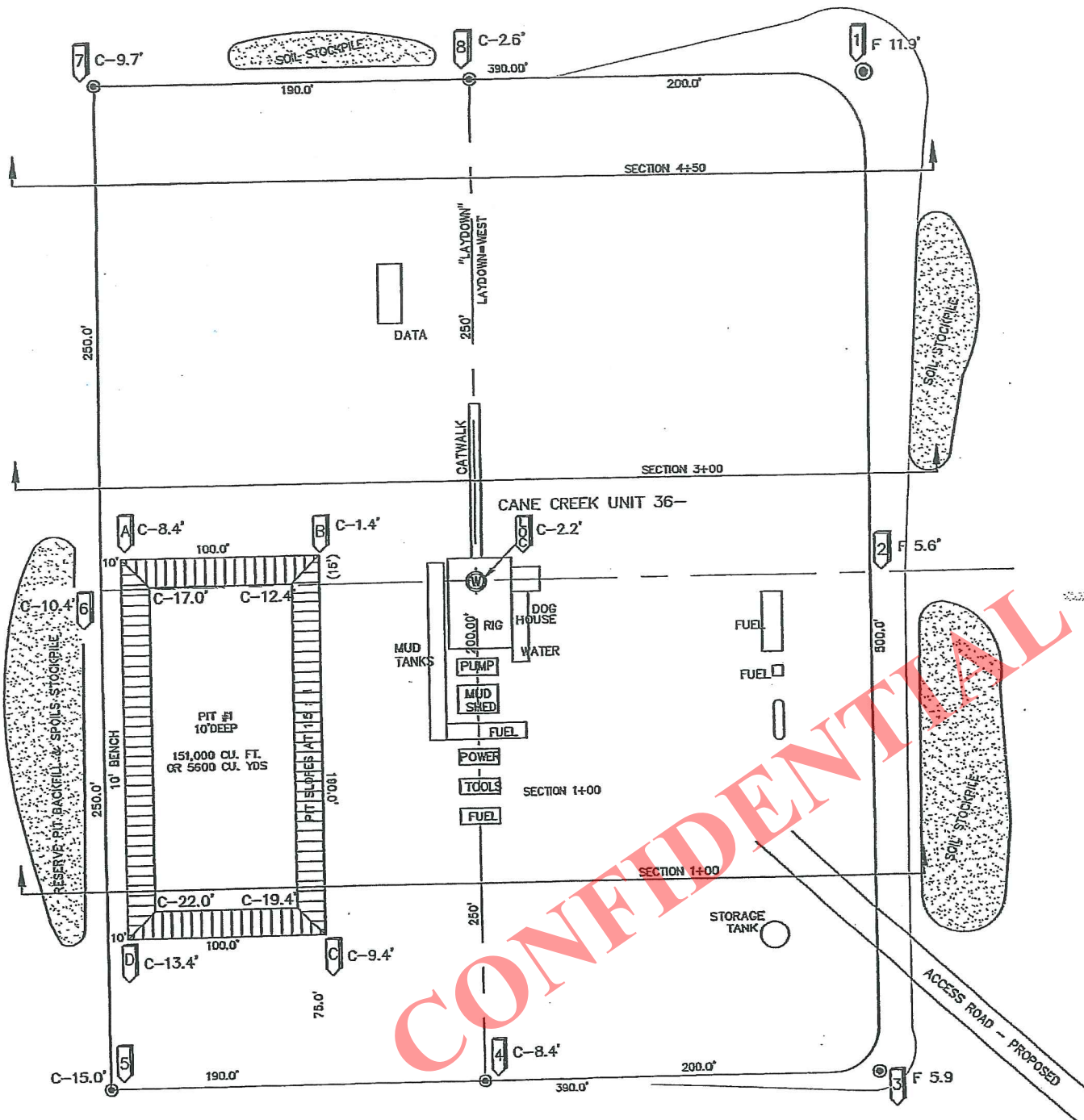
PROPOSED ACCESS TO
CANE CREEK UNIT 36-2

WITHIN SECTION 36, T 25 S, R 19 E, SLM, GRAND COUNTY, UTAH
267 FT. FSL & 734 FT. FWL

KEOGH LAND SURVEYING

45 EAST CENTER STREET

MOAB, UTAH, 84532



ELEVATION OF ORIGINAL GROUND AT LOCATION STAKE=5797.2
FINISHED GRADE ELEVATION AT LOCATION STAKE =5795.0

SCALE: 1"=60'

REGISTERED LAND SURVEYOR
No 171004
TIMOTHY M. KEOGH
STATE OF UTAH
FEB. 15, 2012

KEOGH LAND SURVEYING
45 EAST CENTER STREET MOAB, UTAH, 84532
LOCATION LAYOUT FOR
CANE CREEK UNIT 36-2
WITHIN SECTION 36, T 25 S, R 19 E, SLM, GRAND COUNTY, UTAH
PREPARED FOR
FIDELITY EXPLORATION & PRODUCTION CO.

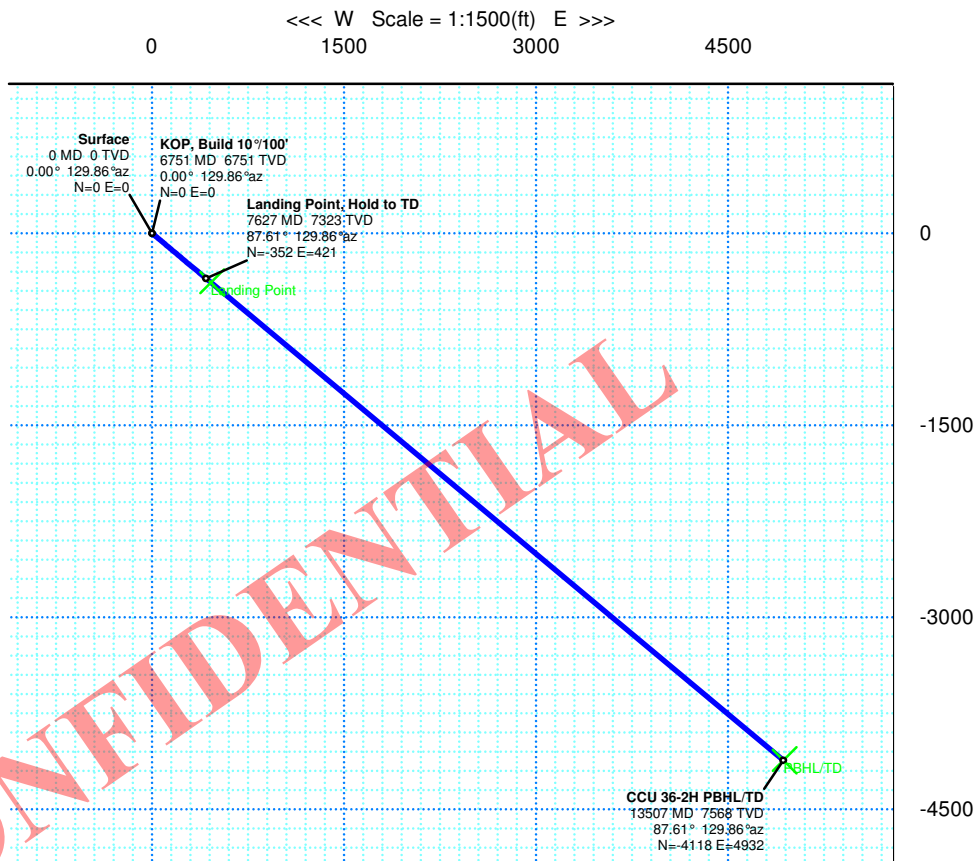
WELL	CCU 36-2H	FIELD	Grand County, UT	STRUCTURE	Fidelity (CCU 36-2H)
Magnetic Parameters Model: BGGM 2013 Dip: 64.599° Mag Dec: 10.794°		Surface Location Lat: N 38 34 48.250 Lon: W 109 46 45.919		Miscellaneous Slot: CCU 36-2H Plan: CCU 36-2H R0 mdr 13Jun13 Svy Date: June 13, 2013	
Date: June 13, 2013 FS: 51234.6mT		NAD27 Utah State Plane, Central Zone, US Feet Northing: 94605.10 ftUS Easting: 2491926.40 ftUS Grid Conv: 1.102° Scale Fact: 1.00013628		TVD Ref: RKB(5818ft above Mean Sea Level)	

Proposal

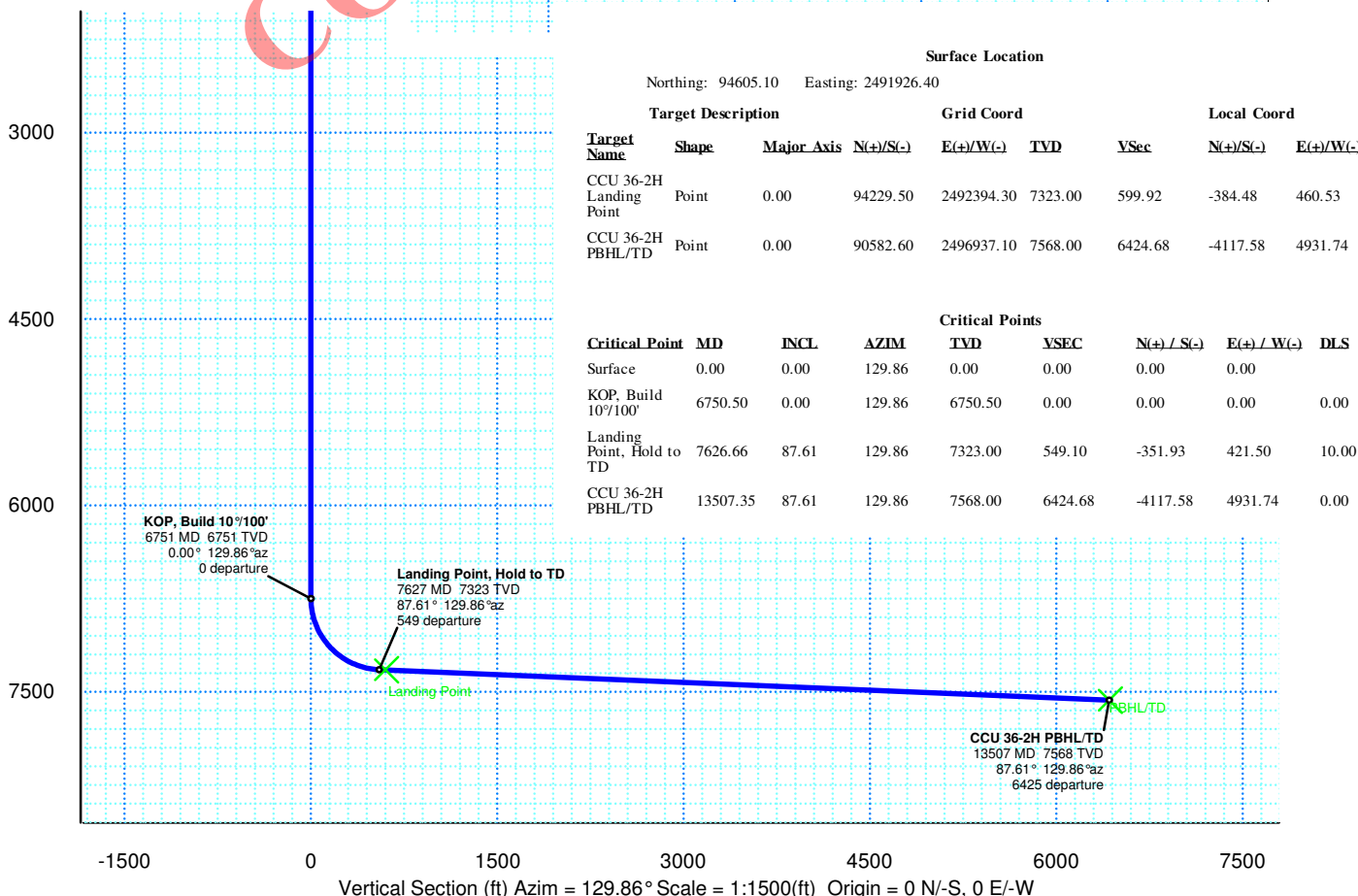


True North
 Tot Corr (M-S-T 10.7944°)
 Mag Dec (10.794°)
 Grid Conv (1.102°)

Quality Control
 Date Drawn: June 13, 2013
 12:10:41 PM
 Drawn by: Matt VanderSchaaf
 Checked by:
 Client OK:



TVD Scale = 1:1500(ft)



RECEIVED: July 16, 2013



Mail

COMPOSE

- Inbox (10)
- Starred
- Important
- Sent Mail
- Drafts
- BLM (2)
- Cabinet
- Electronic filing
- Eng. Tech (1)
- New Permits
- saved
- Follow up
- Misc
- Priority
- Tariq
- More

dianawhitney@utah.gov

More

1 of 163

Well Approval

Inbox x

People (6)



Jeff Conley

4:08 PM (26 minutes ago) ★

to me, Brad, Jim, Lavonne, Bart, Robert.Sencenb.

The following well has been approved by SITLA including arch and paleo.

(4301950033) Cane Creek Unit 36-2H

Thank you,



Jeff Conley

Trust Lands Resource Specialist

[Show details](#)



Click here to [Reply](#), [Reply to all](#), or [Forward](#)

0% full
Using 0.16 GB of your 30 GB

©2013 Google - [Terms of Service](#) -
[Privacy Policy](#) - [Program Policies](#)
Powered by

Last account activity: 26 minutes ago
[Details](#)



CONFIDENTIAL



SURFACE USE PLAN

Name of Operator Fidelity Exploration & Production Company
Address: Lincoln St, Suite 2800
Denver, CO 80203
Well Location: **Cane Creek Unit 36-2H**
267' FSL & 754' FWL,
SWSW, Section 36, T25S, R19E
Grand County, UT

The referenced well (Cane Creek Unit 36-2H) will be located on the pre-existing well pad for the Cane Creek Unit 36-1. Fidelity does not anticipate any additional disturbance beyond the original well pad dimension.

Upon moving on to the Cane Creek Unit 36-1 pad to drill the Cane Creek Unit 36-2H, the Cane Creek Unit 36-1 well will be shut in. We will then move the wellhead isolation cage and 8 cement blocks (see picture) and install it over the Cane Creek Unit 36-1 and surround it with the cement blocks.

In addition, emergency shutdown buttons will be available in the dog house of Frontier 10 and the entrance to the pad itself. In case of an emergency, this button will actuate the back pressure valve on the Cane Creek Unit 36-1 wellhead and immediately shut in the well. During drilling of the Cane Creek Unit 36-2H, Cane Creek Unit 36-1 will be kept open to sales and the cage will be employed.

1. Location of Existing Roads:

- a. The existing well pad is located approximately 15 miles west of Moab, Utah.
- b. Direction to the location from Moab, Utah are as follows:

Proceed northwest on Highway 163 for 11.2 miles. Turn left onto Highway 313 and proceed southwest 13.5 miles. Turn left on county road and proceed E-NE for 1.3 miles. Turn left onto access road and proceed 0.15 miles to pad location. For location of access roads, see Map A & B

- c. Improvements to the existing access on county roads will not be necessary since all roads are maintained by the Grand County Road Department or Utah State Highway Department.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.

- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

2. New or Reconstructed Access Roads:

- a. Existing access will be utilized for the drilling of this well
- b. Surface disturbance and vehicular travel will be limited to the approved location access road.
- c. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development (Gold Book –Fourth Edition - Revised 2007).
- d. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Fidelity's Cane Creek Unit 36-1 is located within one mile of the Cane Creek Unit 36-2H location.

4. Location of Existing and/or Proposed Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Juniper Green or Beetle Green to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this well site; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A pipeline corridor has been considered for this well but will be applied for once production is achieved.

5. Location and Type of Water Supply:

- a. The water supply for construction, drilling and operations will be provided under a direct purchase agreement with Moab City a local source of municipal water through a direct water purchase.
- b. No water pipelines will be laid for this well.
- c. No water well will be drilled for this well.
- d. Drilling water for this will be hauled on the road(s) shown in Exhibit B.
- e. Should additional water sources be pursued they will be properly permitted through the State of Utah – Division of Water Rights.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Water based drill cuttings will be contained and buried on site. Cuttings collected while using oil-based mud will be segregated and hauled to an appropriated disposal facility.
- c. The original Cane Creek Unit 36-1 reserve pit has been maintained open and is located outboard of the location and along the west side of the pad.
- d. The reserve pit is currently lined with 24 mil minimum thickness plastic nylon reinforced liner material. The liner overlays a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- e. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

- f. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
 - g. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Grand County facility, Bob's Sanitation near Moab, Utah.
 - h. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
 - i. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved disposal facility.
 - j. Produced water from the production well will be disposed in accordance with Onshore Order #7.
 - k. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
 - l. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Grand County Wastewater Treatment Facility in accordance with state and county regulations.
8. Ancillary Facilities:
- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.
 - b. No camps or airstrips are proposed with this application.
9. Well Site Layout: (See Exhibit B)
- a. The well will be properly identified in accordance with 43 CFR 3162.6.
 - b. The existing access to the well pad will be from the west.
 - c. The pad and road designs are consistent with BLM specifications.
 - d. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

- e. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a discontinuous windrow on the side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss, sterilization and contamination.
- f. Pits will remain fenced until site cleanup.
- g. The blooie line will be located at least 100 feet from the well head.
- h. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 180 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - 1. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - 2. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded with the following native grass seeds:

<i>Species of Seed</i>	<i>Broadcast Application Rate (lbs/ac)</i>	<i>App. Rate PLS (lbs/ac)</i>
Blue Gramma	5	3
Galleta	2	2
Indian Ricegrass	3	2
Bottlebrush Squirreltail	1	1
Total: 11		Total: 8

- 3. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.

- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal (PUP) be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals. Fidelity does have an approved PUP in place for the CC Unit.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.
- f. A final abandonment notice will be submitted to BLM when the reclamation activities (as presented in this document) are complete and new vegetation is established. Should there be any deviation from these planned reclamation activities, the surface owner will be notified and a Sundry Notice will be submitted to BLM for approval of the new closure and reclamation activities.

11. Surface and Mineral Ownership:

- a. Surface Ownership – State of Utah.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management – Moab Field Office, 82 East Dogwood, Moab, Utah 84532. 435-259-2135.

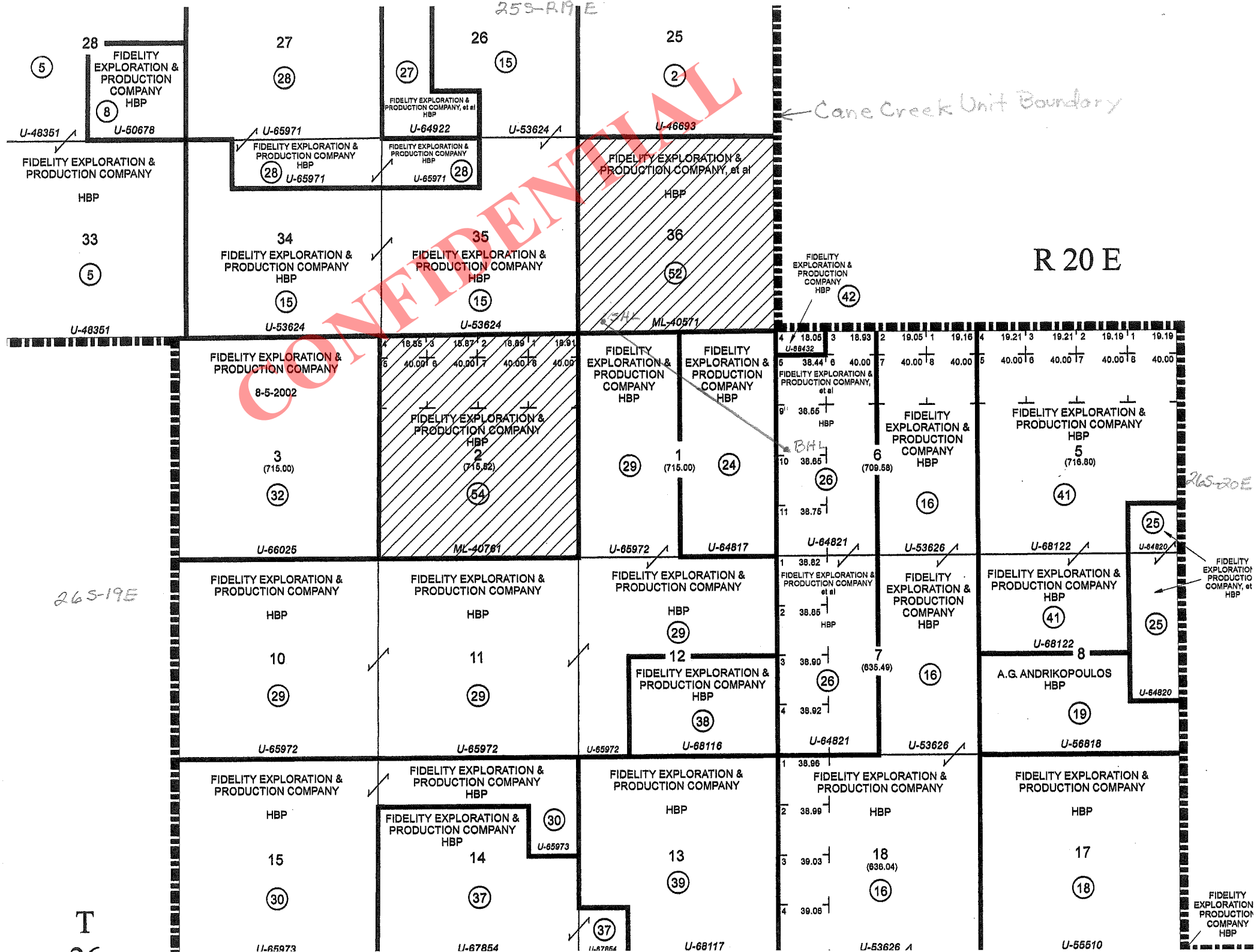
12. Other Information:

Company Representatives:

Bruce Houtchens
Drilling and Completion Manager
1700 Lincoln St. Suite 2800
Denver, CO 80203
(713) 351-1950-Direct line
(281) 217-6452 Cell
Bruce.houtchens@fidelityepco.com

Will Alexander
Sr. Drilling Engineer
1700 Lincoln St. Suite 2800
Denver, CO 80203
(720) 917-3025-Direct line
(303) 819-5461 Cell
William.alexander@fidelityepco.com

Joy Gardner – Sr. Engineering Tech
Fidelity Exploration & Production Company
1700 Lincoln St. Suite 2800
Denver, CO, 80203
(720) 956-5763 - Direct line
Joy.gardner@fidelityepco.com



Well Name	FIDELITY E&P COMPANY Cane Creek Unit 36-2H 43019500330000			
String	Cond	Surf	I1	Prod
Casing Size(")	20.000	13.375	9.625	7.000
Setting Depth (TVD)	100	1070	4180	7568
Previous Shoe Setting Depth (TVD)	0	100	1070	4180
Max Mud Weight (ppg)	8.3	8.3	8.3	16.5
BOPE Proposed (psi)	0	0	10000	10000
Casing Internal Yield (psi)	1000	2730	5750	11220
Operators Max Anticipated Pressure (psi)	5759			14.6

Calculations	Cond String	20.000	"
Max BHP (psi)	.052*Setting Depth*MW=	43	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	31	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	21	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	21	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

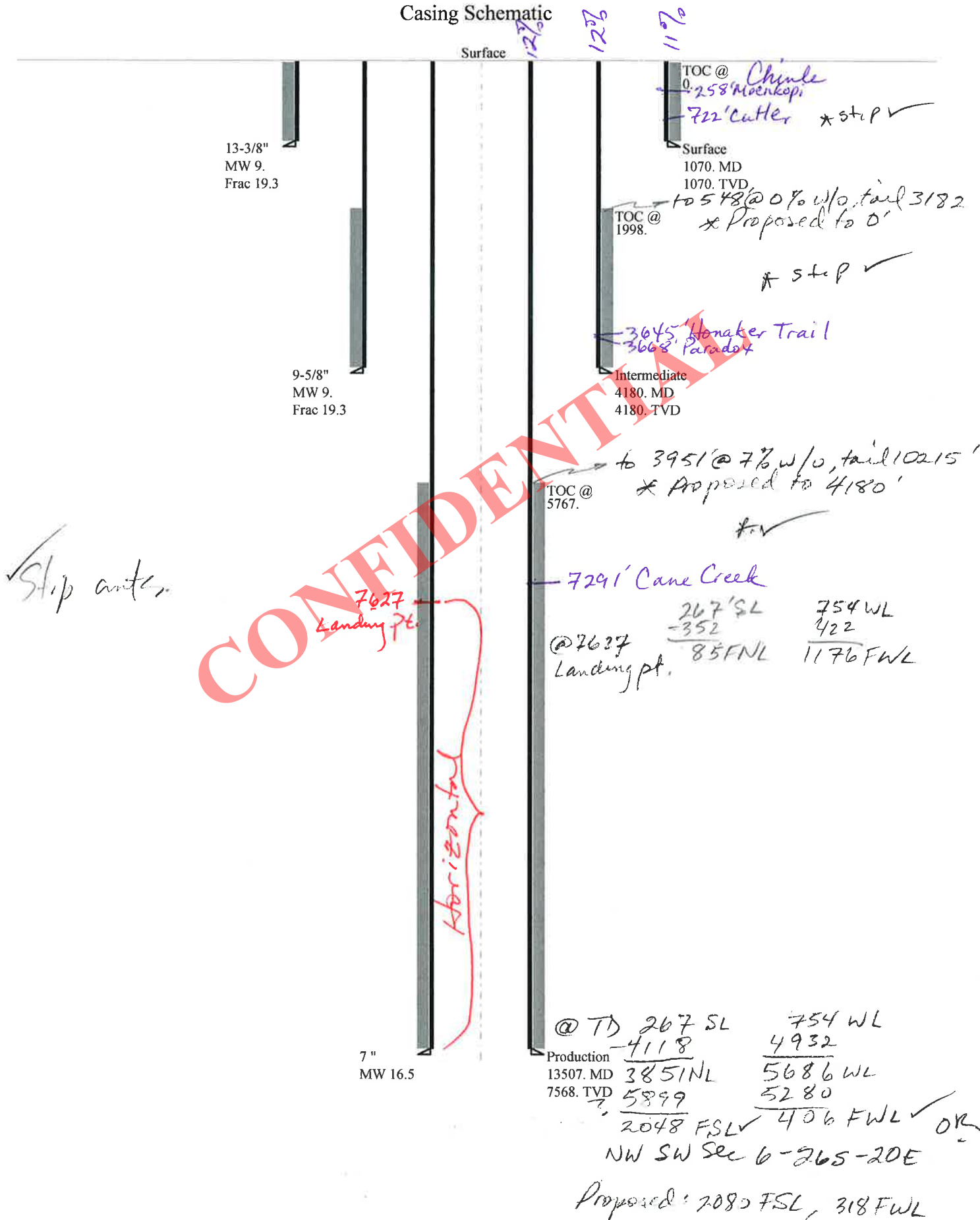
Calculations	Surf String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	462	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	334	NO OBM
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	227	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	249	NO OK
Required Casing/BOPE Test Pressure=		1070	psi
*Max Pressure Allowed @ Previous Casing Shoe=		100	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1804	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1302	YES OBM, 10M BOPE, annular, rams, & blind
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	884	YES preverters, rotating head
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1120	NO OK
Required Casing/BOPE Test Pressure=		4025	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1070	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	6493	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5585	YES OBM, 10M BOPE, annular, rams, & blind
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4828	YES preverters, rotating head
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	5748	NO OK
Required Casing/BOPE Test Pressure=		7568	psi
*Max Pressure Allowed @ Previous Casing Shoe=		4180	psi *Assumes 1psi/ft frac gradient

43019500330000 Cane Creek Unit #36-2H

Casing Schematic



Well name:	43019500330000 Cane Creek Unit #36-2H		
Operator:	FIDELITY E&P COMPANY		
String type:	Surface	Project ID:	43-019-50033
Location:	GRAND	COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 89 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 942 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,070 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 928 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 4,180 ft
Next mud weight: 9.000 ppg
Next setting BHP: 1,954 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,070 ft
Injection pressure: 1,070 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1070	13.375	54.50	J-55	Buttress	1070	1070	12.49	14209
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	500	1130	2.259	1070	2730	2.55	58.3	853.2	14.63 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801-538-5357
FAX: 801-359-3940

Date: September 3, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1070 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43019500330000 Cane Creek Unit #36-2H		
Operator:	FIDELITY E&P COMPANY		
String type:	Intermediate	Project ID:	43-019-50033
Location:	GRAND COUNTY		

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 133 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 1,998 ft

Burst

Max anticipated surface pressure: 3,260 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,180 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 3,620 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 7,568 ft
Next mud weight: 16.500 ppg
Next setting BHP: 6,487 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 4,180 ft
Injection pressure: 4,180 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	4180	9.625	40.00	L-80	Buttress	4180	4180	8.75	64004

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1954	3090	1.581	4180	5750	1.38	167.2	916.3	5.48 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: September 3, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4180 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43019500330000 Cane Creek Unit #36-2H		
Operator:	FIDELITY E&P COMPANY		
String type:	Production	Project ID:	43-019-50033
Location:	GRAND	COUNTY	

Design parameters:**Collapse**

Mud weight: 16.500 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 180 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 5,767 ft

Burst

Max anticipated surface pressure: 4,822 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,487 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,754 ft

Directional well information:

Kick-off point 6751 ft
Departure at shoe: 6424 ft
Maximum dogleg: 10 °/100ft
Inclination at shoe: 87.61 °

Estimated cost: 167,809 (\$)

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
3	3900	7	29.00	P-110	Buttress	3900	3900	6.059	47130
2	3900	7	32.00	HCP-110	Buttress	7330	7800	6	51712
1	5707	7	29.00	P-110	Buttress	7568	13507	6.059	68967

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
3	3343	8190	2.450	5680	11220	1.98	229.8	929.4	4.05 B
2	6283	10761	1.713	6435	11640	1.81	116.7	1024.9	8.79 B
1	6487	8530	1.315	6487	11220	1.73	6.9	929.4	99.99 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: September 3, 2013
Salt Lake City, Utah

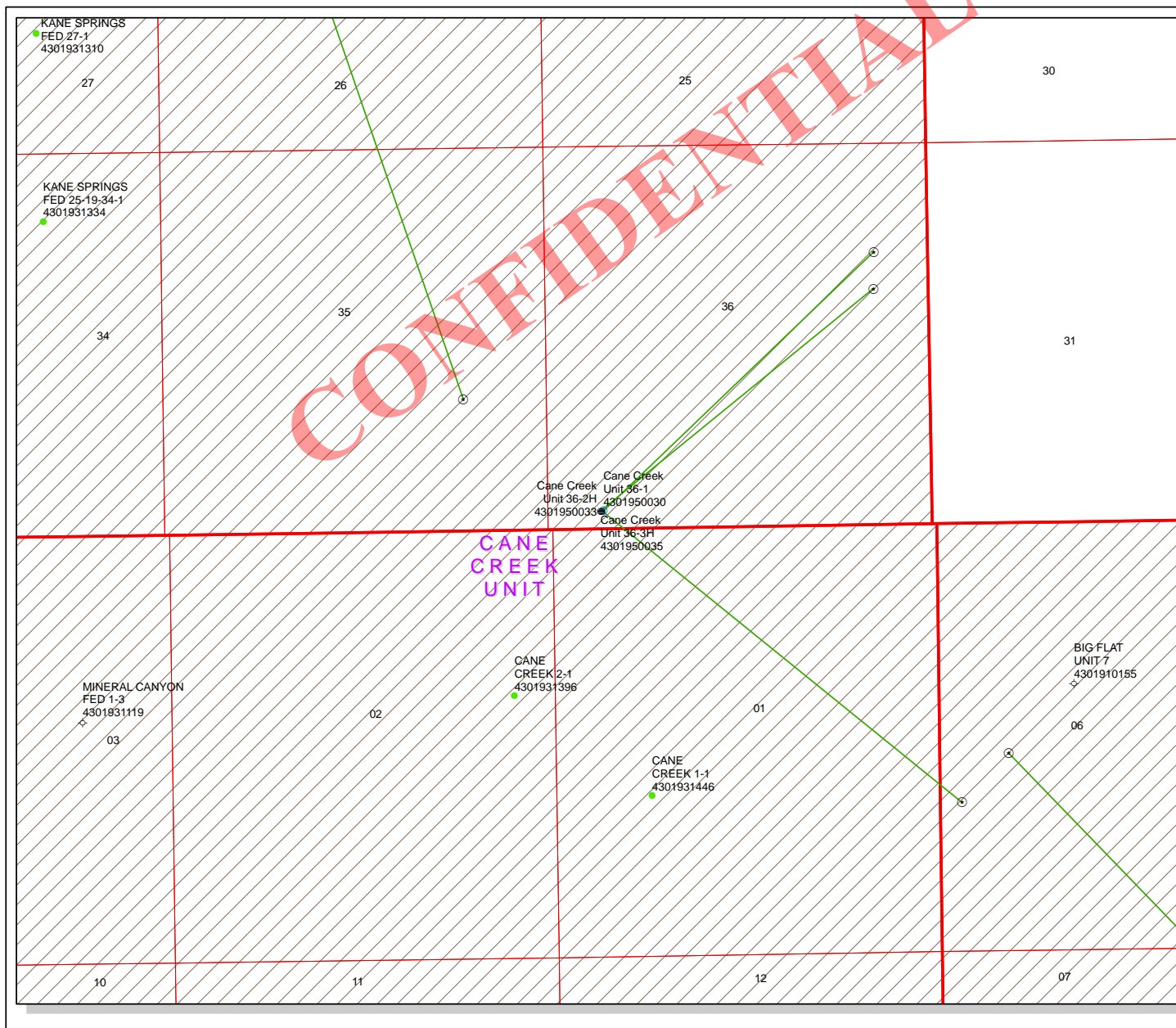
Remarks:

Collapse is based on a vertical depth of 7568 ft, a mud weight of 16.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



API Number: 4301950033

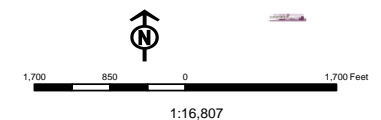
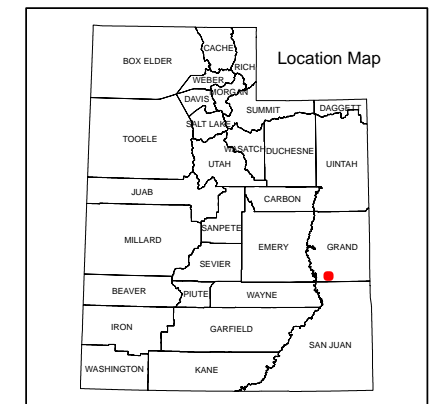
Well Name: Cane Creek Unit 36-2H

Township: T25.0S Range: R19.0E Section: 36 Meridian: S

Operator: FIDELITY E&P COMPANY

Map Prepared: 9/25/2013
Map Produced by Diana Mason

Wells Query		Units	
Status			STATUS
APD - Aproved Permit			ACTIVE
DRL - Spuded (Drilling Commenced)			EXPLORATORY
GIW - Gas Injection			GAS STORAGE
GS - Gas Storage			NF PP OIL
LOC - New Location			NF SECONDARY
OPS - Operation Suspended			PI OIL
PA - Plugged Abandoned			PP GAS
PGW - Producing Gas Well			PP GEOTHERML
POW - Producing Oil Well			PP OIL
SGW - Shut-in Gas Well			SECONDARY
SOW - Shut-in Oil Well			TERMINATED
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

September 30, 2013

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Cane Creek Unit,
Grand and San Juan Counties, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Cane Creek Unit, Grand and San Juan Counties, Utah. The Cane Creek 36-2 directional drilling plan has been modified (see our memo dated July 23, 2013). The Cane Creek 8-1 will be re-entered and a horizontal lateral drilled in Clastic 10.

API #	WELL NAME	LOCATION
(Proposed PZ Clastic 10 TVD 5600')		
43-019-31449	Cane Creek Unit 8-1H	Sec 08 T26S R20E 2563 FNL 1429 FWL
	Lateral 1	Sec 05 T26S R20E 0447 FSL 0715 FEL
(Proposed PZ Cane Creek)		
43-019-50033	Cane Creek Unit 36-2H	Sec 36 T25S R19E 0267 FSL 0754 FWL
	Lateral 1	Sec 06 T26S R20E 2080 FSL 0318 FWL

This office has no objection to permitting the wells at this time.

Michael Coulthard

Digitally signed by Michael Coulthard
DN: cn=Michael Coulthard, o=Bureau of Land Management,
ou=Division of Minerals, email=mcoultha@blm.gov, c=US
Date: 2013.09.30 10:40:21 -0600

bcc: File - Cane Creek Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-30-13

RECEIVED: October 01, 2013

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator FIDELITY E&P COMPANY
Well Name Cane Creek Unit 36-2H
API Number 43019500330000 **APD No** 8296 **Field/Unit** BIG FLAT
Location: 1/4,1/4 SWSW **Sec** 36 **Tw** 25.0S **Rng** 19.0E 267 FSL 754 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Site visited on 02/22/2012 while reviewing APD# 7627. Participants included: Bart Kettle-DOGM, Nicole Nielson-UDWR, Ed Bonner-SITLA, Charlie Harrison-Harrison Oil Field Services, Mike Keller-Fidelity E&P Company

Regional/Local Setting & Topography

Site originally reviewed on 02/22/2012 while processing APD# 7627, Cane Creek 36-1. Current proposal is an offset well utilizing the same surface structures; access road, well pad, and reserve pit with no proposed modifications from existing conditions at the Cane Creek 36-1. At the time of this evaluation the Cane Creek 36-1 is being drilled with Frontier 10. As such the original on-site evaluation will be used for the current proposal.

Proposed project site is located ~28 miles northwest of Moab Utah, in Grand County Utah. On a regional setting the proposed project is located in the Canyonlands Region of the Colorado Plateau. The Canyonlands Region is renowned for its red rock canyons and spectacular views. Tourism is a growing industry in the region. In close proximity to the proposed project site, Dead Horse State Park, Aches National Park and Canyonlands National Park are popular destinations along with the community of Moab Utah. On a local scale the proposed project site is located near Big Flat between the South Fork of Seven mile Canyon and Bull Canyon. Local points of interest include: Gemini Arch, Gemini Bridges, Arths Pasture, Seven mile Canyon, Long Canyon, Dead Horse Point, Horsetheif Point, Mineral Bottoms, Islands in the Sky, Hell Roaring Canyon, Courthouse Rock and Dubinky Point. Topography at Big Flat is typical of the Canyonlands Region: a series of large sandy mesa's abruptly falling off into steep canyons comprised of alternating layers of sandstone and shale. Climatic conditions within the region are arid, and vegetation is typically sparse. The proposed project site is located on a gentle slope consisting of sandy loam soils deposited on sandstone bedrock. Precipitation is considered a 10-12" precip zone. Soils are dominated by Eolian deposits and are predominantly unstable sands and sandy loams. Vegetation would be described as Pinion-Juniper Woodlands dominated by Utah Juniper and Pinion Pine communities. Water drainage is to the northeast, entering an unnamed wash immediately, Bull Canyon within 2.75 miles and the Colorado River within 9 miles. No perennial water sources were observed in close proximity to the project site.

Surface Use Plan

Current Surface Use

Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 390 Length 500		GLNCN

Ancillary Facilities N

Waste management plan not included in original APD. Additional information requested to address handling procedures of oil base drilling mediums.

Waste Management Plan Adequate? N

Environmental Parameters

Affected Floodplains and/or Wetlands N

Ephemeral drainage adjacent to proposed project site

Flora / Fauna

Existing well pad.

Soil Type and Characteristics

Reddish orange sands and sandy loams.

Erosion Issues Y

Soils prone to wind and water erosion once disturbed.

Sedimentation Issues N

Site Stability Issues N

Site appears suitable for proposed drilling program.

Drainage Diversion Required?

Drainage diversion has been required at corner #5 & #7.

Berm Required? N

Erosion Sedimentation Control Required? Y

Interim reclamation should be completed outside of anchors within one year following well pad construction.

Paleo Survey Run? Y **Paleo Potential Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	High permeability	20
Fluid Type	Oil Base Mud Fluid	15
Drill Cuttings	Salt or Detrimental	10
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		70 1 Sensitivity Level

Characteristics / Requirements

Proposed drilling system includes the use of a oil based mud drilling system to stabilize hole through Paradox salt zones. As such a 210' x 90' x 10' reserve pit has been constructed for the drilling of the Cane Creek 36-1, and being proposed for reuse for the current project along with a closed loop drilling system for oil based drilling mediums.

Proposed drilling program includes a vertical hole followed by a lateral. Duration to complete drilling program is anticipated to exceed 30 days. Due to prolonged drilling program pit liners shall be inspected weekly to assure integrity.

Reserve pit fluids at sites with comparable drilling programs within the Paradox formation have had TDS in excess of 50,000 mg/l. Additional reclamation steps may be required for materials high in chlorides. Precautions should be taken while drilling to assure salt or detrimental cuttings are not mixed with normal rock cuttings.

Surface formations are members of the Glen Canyon group and are capable of containing fresh water aquifers. Permeability of soils and underlying sandstones is medium to high. Pit liner of 24 ml has been installed in the reserve pit. Tanks and handling equipment containing oil based drilling materials should be underlain with a 20 mil synthetic liner as secondary containment.

Closed Loop Mud Required? Y Liner Required? Liner Thickness 20 Pit Underlayment Required? Y

Other Observations / Comments

Access road is proposed as a 14' running surface with turnouts. Minimal construction will be completed until well is deemed capable of commercial production. Pit run will be placed at wash crossing and portions of road requiring maintenance during drilling operations.

DOGM noted significant concerns regarding reserve/cuttings pit lining, management and reclamation. Pit contents with TDS in excess of 50,000 mg/l are possible, as such additional stipulations and precautions will be required.

Top 6-12" of top soils should be saved and stockpile on the east and southern sides of the well pad. All disturbed soils shall be seeded within 12 months of disturbance.

Bart Kettle
Evaluator

7/23/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8296	43019500330000	LOCKED	OW	S	No
Operator	FIDELITY E&P COMPANY		Surface Owner-APD		
Well Name	Cane Creek Unit 36-2H		Unit	CANE CREEK	
Field	BIG FLAT		Type of Work	DRILL	
Location	SWSW 36 25S 19E S 267 FSL (UTM)	754 FWL GPS Coord	606250E 4270874N		

Geologic Statement of Basis

The proposed well will be spud in sandy soil that has been derived from the Kayenta Formation, which is exposed at the surface at this location. The well location is approximately one and a half miles from the axis of the Cane Creek Anticline. It is reasonable to expect that fractures & joint sets may result in zones of lost circulation during drilling. There are no underground water rights within one mile of the proposed location; however, Canyonlands Cattle Co. has two rediversion water rights, on file with Utah Division of Water Rights, for stock watering. It is unlikely that fresh water will be encountered, at this location, in the Wingate Aquifer. The proposed casing and cementing program should adequately protect any useable groundwater resources encountered during the drilling of this well.

Ammon McDonald
APD Evaluator

7/31/2013
Date / Time

Surface Statement of Basis

Original on-site evaluation conducted February 29, 2012 for the Cane Creek 36-1, APD# 7627. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Nicole Nielson-Division of Wildlife Resources (UDWR), Ed Bonner-Trust Lands Administration (SITLA), Mike Keller-Fidelity E&P Company, Charlie Harrison-Harrison Oil Field Services and Moab BLM resource staff Melanie Hunter, Katie Steens, Larry King, Bonnie Carsons and Ann Maria.

Site originally reviewed on 02/22/2012 while processing APD# 7627, Cane Creek 36-1. Current proposal is an offset well utilizing the same surface structures: access road, well pad, and reserve pit with no proposed modifications from existing conditions at the Cane Creek 36-1. At the time of this evaluation the Cane Creek 36-1 is being drilled with Frontier 10. As such the original on-site evaluation will be used for the current proposal.

Proposed project is located in an environmentally sensitive region. National Parks, slick rock trails, river rafting and scenic views attract thousands of tourist to the region annually. Due to recent awareness of mineral exploration in the area it is reasonable to expect scrutiny of drilling operations for proposed project. Operator instructed to monitor drilling operations and ROW activity closely. Problems should be addressed immediately. Steps to limit activity during peak tourist season, and hours of the day are recommended.

DOGM is requiring additional precautions for reserve pit and handling of salt laden and oil base mud cuttings. Slopes of pit walls should not exceed 2:1. Pits shall be lined as

determined by site evaluation ranking. The geomembrane shall consist of 20 mil string reinforced LDPE or equivalent liner for reserve pit. The geomembrane liner should be composed of an impervious synthetic material resistant to hydrocarbons, salts and alkaline solutions.

Tanks and equipment handling or storing oil based drilling mediums and chloride laden cuttings will require 20 mil string reinforced geomembrane liner. Liner should be placed over prepared surface containing 12" berms and key trench to secure liner.

Blasting is anticipated for reserve pit, fractured rock should be properly bedded with sand or a felt liner. Liner edges should be secured. Liner should be protected from fluid force or mechanical damage at points of discharge or suction.

Due to anticipated prolonged drilling operations precautions should be taken to prevent punctures from drilling related activities. Weekly inspection of liner should be conducted and recorded. Surface water run off should not be allowed to enter pits.

While drilling three sides of pits should be fenced. Fencing should include reinforced corner braces, 36" woven net wire on the bottom and two strands of barbed wire on top spaced at 6" apart. Following completion of drilling activities pits will require fencing on the fourth side, removal of free standing oil and netting to prevent entry by water fowl.

Pits will require reclamation to be completed one year following the removal of drilling rig. Reclamation measures shall be submitted to DOGM for approval following analysis of pit contents.

Bart Kettle
Onsite Evaluator

7/23/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Drilling	A geomembrane liner with a minimum thickness of 20 mils shall be properly installed and maintained under tanks and equipment storing or handling oil based drilling fluids or salt laden cuttings. Geomembrane liner shall consist of a string reinforced impervious synthetic material, resistant to hydrocarbons, salts and alkaline solutions.
Pits	A representative sample of drill cuttings shall be collected and analyzed prior to disposal at approved facility.
Pits	The reserve pit shall be fenced upon completion of drilling operations. Netting will be required over pit if it contains hydrocarbons or RCRA-exempt hazardous substances.
Pits	A closed loop mud circulation system is required while using oil based drilling mediums.
Pits	A geomembrane liner with a minimum thickness of 20 mils shall be properly installed and maintained in the reserve pit. The geomembrane liner shall consist of a string reinforced impervious synthetic material, resistant to hydrocarbons, salts and alkaline solutions.
Pits	Reserve pit liner shall be protected from fluid force or mechanical damage at points of discharge or suction.
Surface	The Division shall be consulted prior to reclamation of reserve pit and drill cuttings.
Surface	Weekly inspections of liners shall be conducted and documented until materials are removed, or reserve pit is reclaimed.
Surface	Fractured rock in reserve pit area or oil based mud handling areas shall be properly bedded.
Surface	Pit liner edges must be secured.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/16/2013

API NO. ASSIGNED: 43019500330000

WELL NAME: Cane Creek Unit 36-2H

OPERATOR: FIDELITY E&P COMPANY (N3155)

PHONE NUMBER: 720 956-5763

CONTACT: Joy Gardner

PROPOSED LOCATION: SWSW 36 250S 190E

Permit Tech Review: ☒

SURFACE: 0267 FSL 0754 FWL

Engineering Review: ☒

BOTTOM: 2080 FSL 0318 FWL

Geology Review: ☒

COUNTY: GRAND

LATITUDE: 38.57999

LONGITUDE: -109.78017

UTM SURF EASTINGS: 606250.00

NORTHINGS: 4270874.00

FIELD NAME: BIG FLAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML-40571

PROPOSED PRODUCING FORMATION(S): CANE CREEK

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - 190017646/104891324☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Municipal☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit: CANE CREEK

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-2

Effective Date:

Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:

5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
13 - Cement Volume Formation (3a) - hmacdonald
23 - Spacing - dmason
27 - Other - bhill
28 - Other2 - ddoucet

RECEIVED: October 07, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Cane Creek Unit 36-2H

API Well Number: 43019500330000

Lease Number: ML-40571

Surface Owner: STATE

Approval Date: 10/7/2013

Issued to:

FIDELITY E&P COMPANY, 1700 Lincoln Street Ste 2800, Denver, CO 80203

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the CANE CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete

angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 3980' MD in order to adequately isolate the Paradox formation.

A properly maintained rotating head is required during air drilling.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well

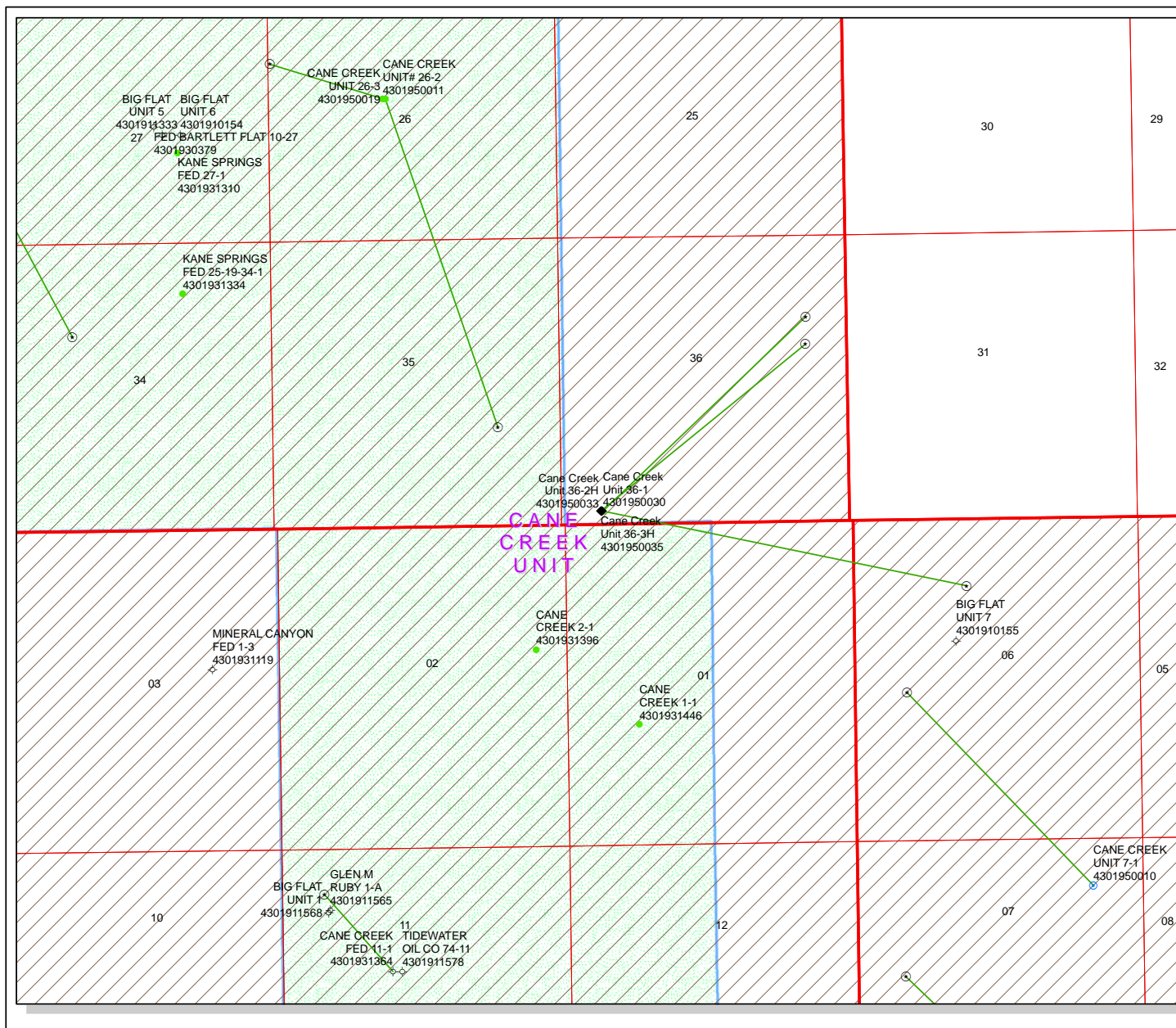
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME: CANE CREEK
3. ADDRESS OF OPERATOR: 1700 Lincoln Street Ste 2800 , Denver, CO, 80203		8. WELL NAME and NUMBER: Cane Creek Unit 36-2H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0267 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 25.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500330000
PHONE NUMBER: 720 931-6459 Ext		9. FIELD and POOL or WILDCAT: BIG FLAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/1/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Fidelity Exploration and Production Company requests permission to change the direction of the horizontal lateral for this well. The projected bottom hole location is in Section 6 T26S R20E. Please refer to the attached directional program and survey plat.		
NAME (PLEASE PRINT) Joy Gardner		PHONE NUMBER 720 956-5763
SIGNATURE N/A		TITLE Sr. Engineering Tech DATE 2/10/2014



API Number: 4301950033

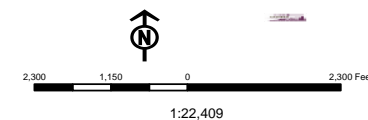
Well Name: Cane Creek Unit 36-2H

Township: T25.0S Range: R19.0E Section: 36 Meridian: S

Operator: FIDELITY E&P COMPANY

Map Prepared: 2/12/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		Status	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned		Fields	
TW - Test Well		Status	
WDW - Water Disposal		Unknown	
WW - Water Injection Well		ABANDONED	
WSW - Water Supply Well		ACTIVE	
		COMBINED	
		INACTIVE	
		STORAGE	
		TERMINATED	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:
3160
(UT-922)

February 18, 2014

Memorandum

To: Assistant Field Office Manager Resources,
Moab Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2014 Plan of Development Cane Creek Unit,
Grand and San Juan Counties, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2014 within the Cane Creek Unit, Grand and San Juan Counties, Utah.

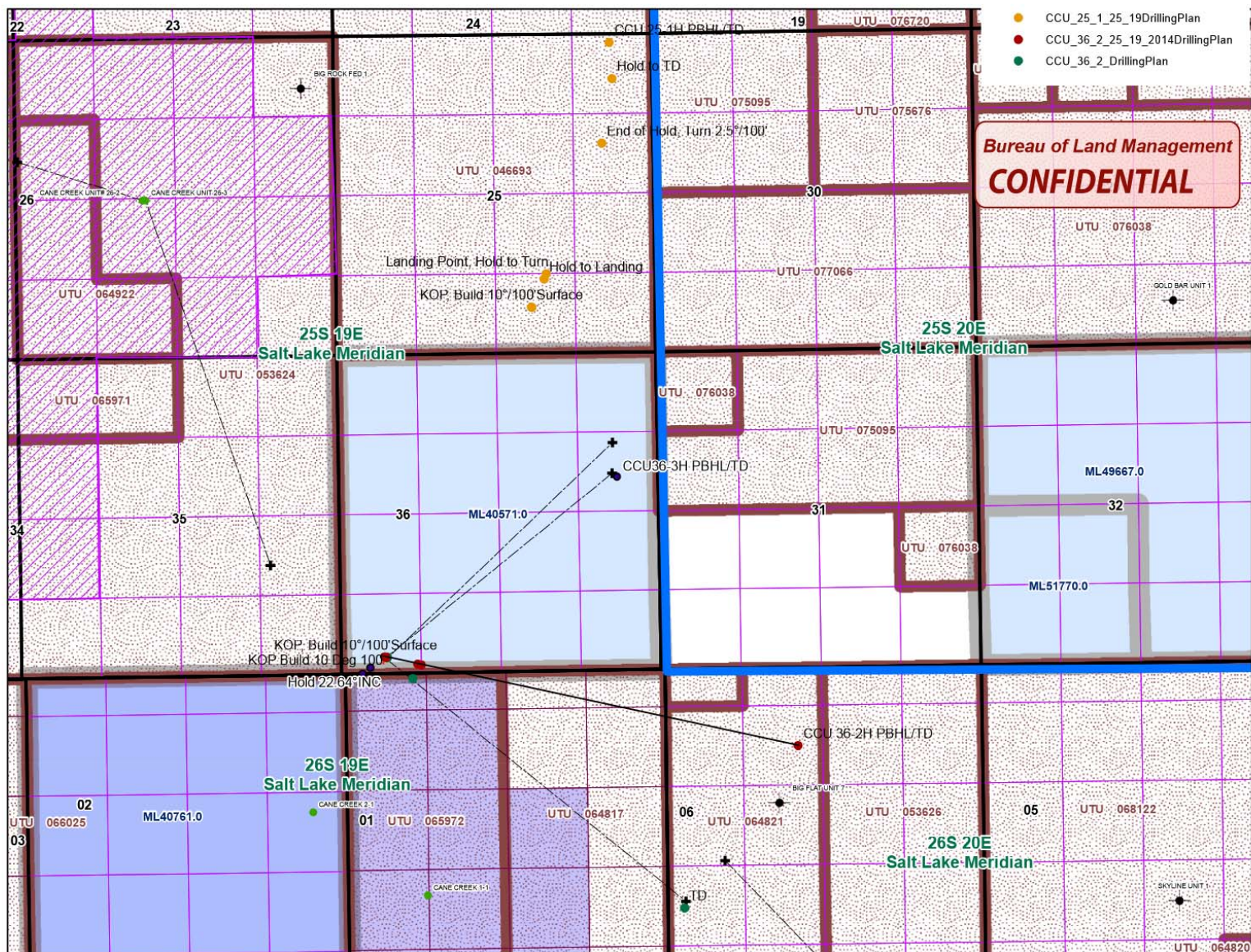
API#	WELL NAME	LOCATION
(Proposed PZ Cane Creek)		
43-019-50048	Cane Creek 25-1-25-19H	Sec 25 T25S R19E 0739 FSL 2021 FEL BHL Sec 25 T25S R19E 0115 FNL 0748 FEL
43-019-50033	Cane Creek 36-2-25-19H	Sec 36 T25S R19E 0267 FSL 0754 FEL BHL Sec 06 T26S R20E 1200 FNL 2090 FWL*

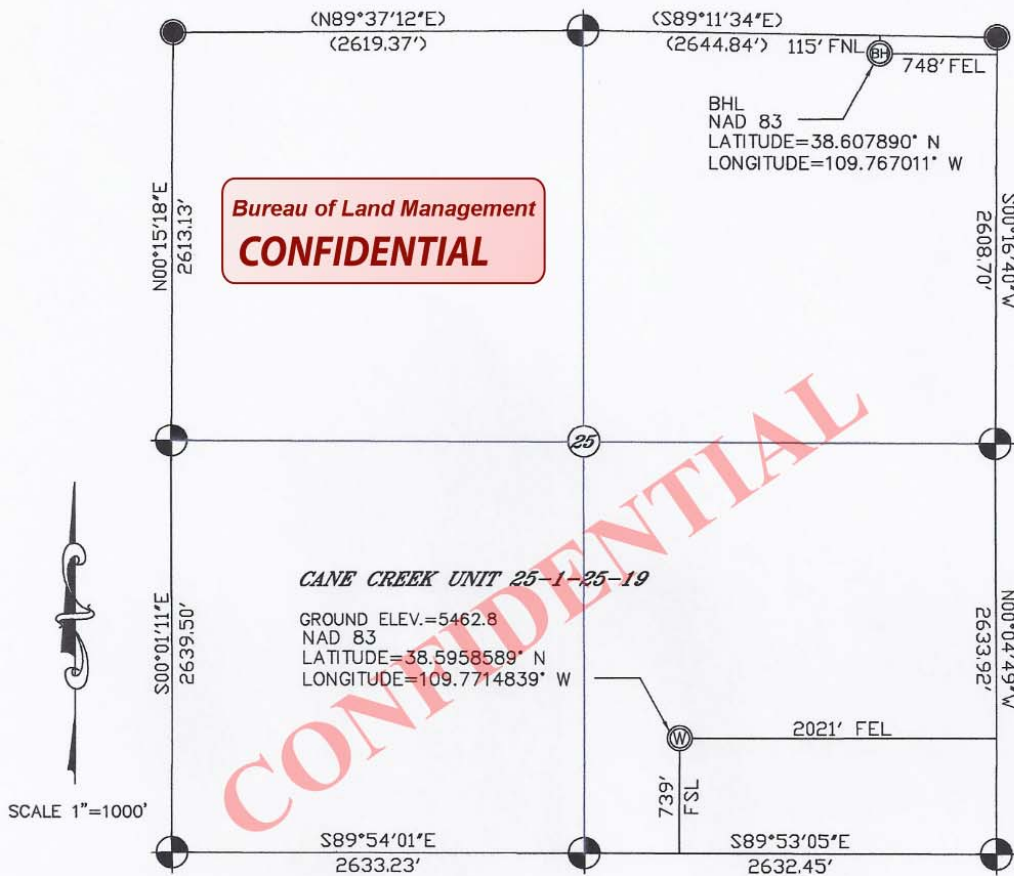
* Please refer to our memo dated September 30, 2013.

This office has no objection to permitting the wells at this time.

bcc: File - Cane Creek Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:2-18-14





LEGEND

- Found Government Monument
- Set T-post with lath at proposed well location
- Utah GIS location for un-surveyed sections
- Bottom hole location

KAY B. CAMPBELL
01/28/2014
DATE

PROFESSIONAL LAND SURVEYOR
No. 6385290
KAY B. CAMPBELL
STATE OF UTAH

KEOGH LAND SURVEYING
45 EAST CENTER STREET MOAB, UTAH, 84532

A SURVEY OF **CANE CREEK UNIT 25-1-25-19**

WITHIN SECTION 25, T 25 S, R 19 E, SLM,
GRAND COUNTY, UTAH

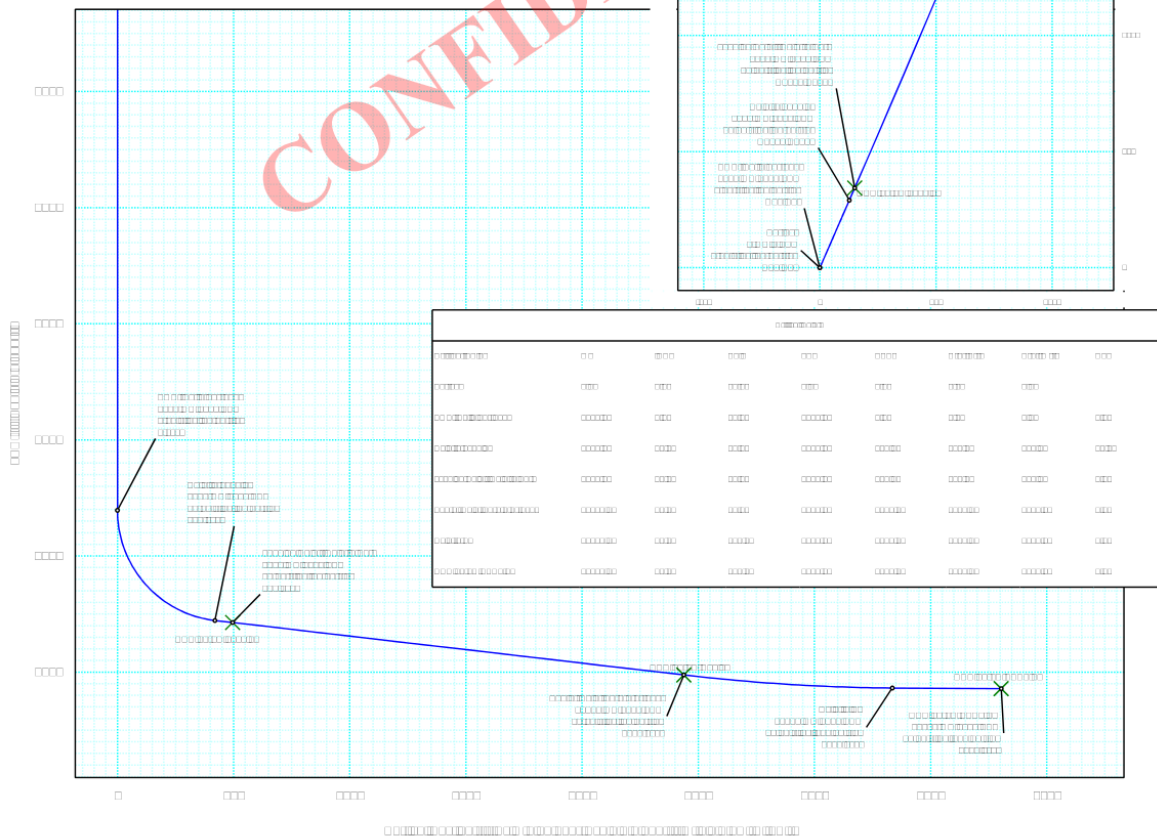
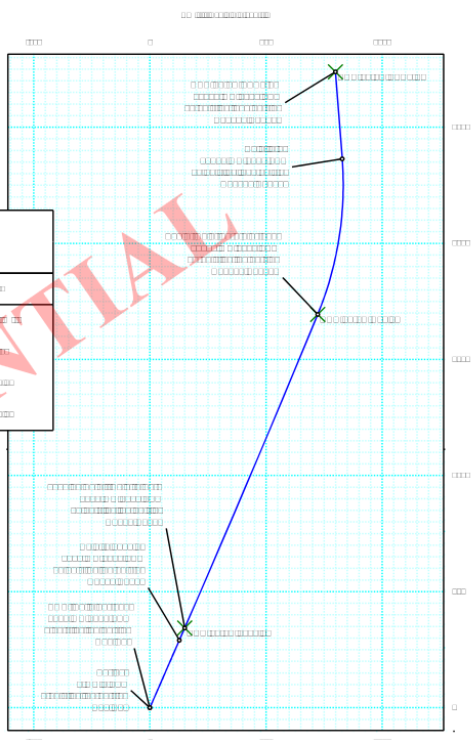
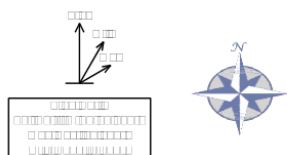
PREPARED FOR
FIDELITY EXPLORATION & PRODUCTION CO.

DATE: 01-11-14	DRAWN BY: KBC	CHECKED BY: KBC
SCALE: 1"=1000'	F.B.#	25-1 PLAT.DWG

Received: February 10, 2014

1. 姓名: _____ 2. 性别: _____ 3. 年龄: _____ 4. 职业: _____ 5. 住址: _____ 6. 联系电话: _____ 7. 电子邮箱: _____ 8. 身份证号: _____ 9. 其他: _____		1. 姓名: _____ 2. 性别: _____ 3. 年龄: _____ 4. 职业: _____ 5. 住址: _____ 6. 联系电话: _____ 7. 电子邮箱: _____ 8. 身份证号: _____ 9. 其他: _____	
1. 姓名: _____ 2. 性别: _____ 3. 年龄: _____ 4. 职业: _____ 5. 住址: _____ 6. 联系电话: _____ 7. 电子邮箱: _____ 8. 身份证号: _____ 9. 其他: _____		1. 姓名: _____ 2. 性别: _____ 3. 年龄: _____ 4. 职业: _____ 5. 住址: _____ 6. 联系电话: _____ 7. 电子邮箱: _____ 8. 身份证号: _____ 9. 其他: _____	

Proposal



Received: February 10, 2014

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT		FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. UTU64821
		6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on reverse side.		7. If Unit or CA/Agreement, Name and/or No. CANE CREEK UNIT
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. CANE CREEK UNIT 36-2
2. Name of Operator FIDELITY E & P COMPANY	Contact: JOY GARDNER E-Mail: joy.gardner@fidelityepco.com	9. API Well No. 43-019-50033
3a. Address 1700 LINCOLN ST SUITE 2800 DENVER, CO 80203	3b. Phone No. (include area code) Ph: 720-956-5763	10. Field and Pool, or Exploratory CANE CREEK
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T25S R19E Mer SLB SWSW 267FSL 754FEL 38.580050 N Lat, 109.780173 W Lon		11. County or Parish, and State GRAND COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Fidelity Exploration and Production Company requests permission to change the direction of the horizontal lateral for this well. The projected bottom hole location is in Section 6 T26S R20E. Please refer to the attached directional program and survey plat.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #235095 verified by the BLM Well Information System For FIDELITY E & P COMPANY, sent to the Moab	
Name (Printed/Typed) JOY GARDNER	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 02/10/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

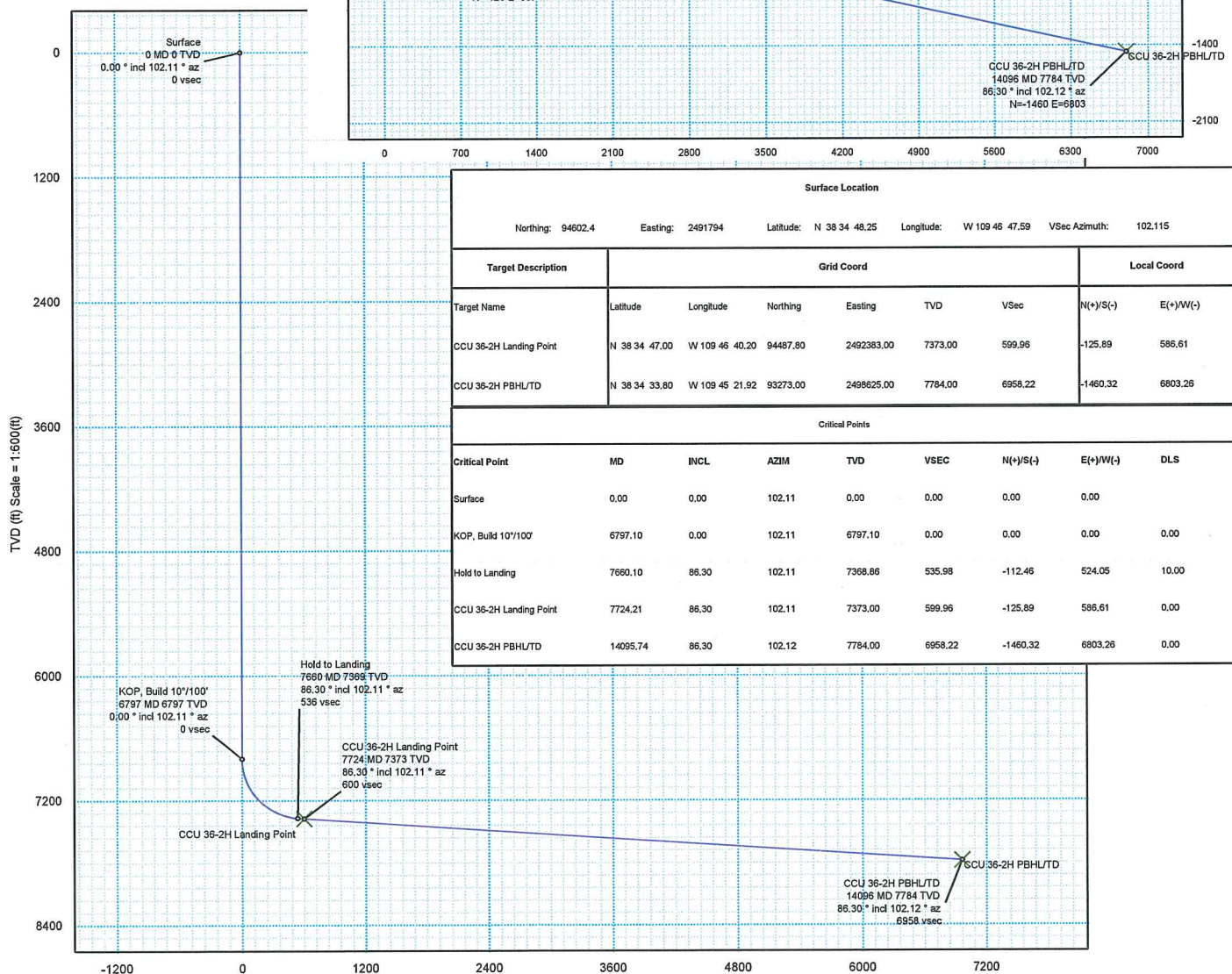
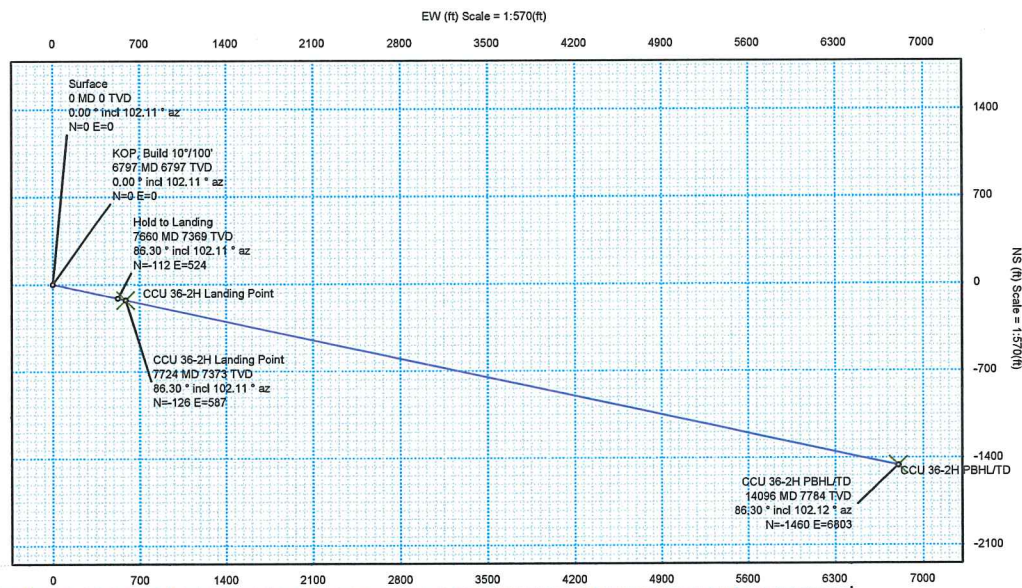
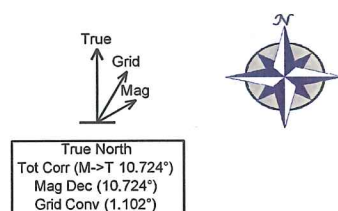
36-2 CCU.DWG

**Fidelity****Rev 1**

Borehole: Original Hole	Well: CCU 36-2H	Field: UT, Grand County (NAD 27 CZ)	Structure: Fidelity (CCU 36-2H)
--	----------------------------------	--	--

Gravity & Magnetic Parameters	Surface Location NAD27 Utah State Plane, Central Zone, US Feet	Miscellaneous
Model: BGGM 2013 Dip: 64.58° Date: 04-Feb-2014	Lat: N 38 34 48.25 Northing: 94602.4RUS Grid Conv: 1.1019°	Slot: CCU 36-2H TVD Ref: RKB(5818ft above Mean Sea Level)
MagDec: 10.724° FS: 51156.844nT Gravity FS: 999.167mgn (9.80665 Based)	Lon: W 109 46 47.59 Easting: 2491794RUS Scale Fact: 1.00013628	Plan: CCU 36-2H R1 mdy 04Feb14

Proposal



Surface Location										
Northing: 94602.4			Easting: 2491794		Latitude: N 38 34 48.25		Longitude: W 109 46 47.59		VSec Azimuth: 102.115	
Target Description		Grid Coord						Local Coord		
Target Name	Latitude	Longitude	Northing	Easting	TVD	VSec	N(+)/S(-)	E(+)/W(-)		
CCU 36-2H Landing Point	N 38 34 47.00	W 109 46 40.20	94487.80	2492383.00	7373.00	599.96	-125.89	586.61		
CCU 36-2H PBHL/TD	N 38 34 33.80	W 109 45 21.92	93273.00	2498625.00	7784.00	6958.22	-1460.32	6803.26		
Critical Points										
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS		
Surface	0.00	0.00	102.11	0.00	0.00	0.00	0.00			
KOP, Build 10°/100'	6797.10	0.00	102.11	6797.10	0.00	0.00	0.00	0.00		
Hold to Landing	7660.10	86.30	102.11	7368.86	535.98	-112.46	524.05	10.00		
CCU 36-2H Landing Point	7724.21	86.30	102.11	7373.00	599.96	-125.89	586.61	0.00		
CCU 36-2H PBHL/TD	14095.74	86.30	102.12	7784.00	6958.22	-1460.32	6803.26	0.00		

Vertical Section (R) Azim = 102.115° Scale = 1:600(R) Origin = 0N/-S, 0E/-W

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME: CANE CREEK
3. ADDRESS OF OPERATOR: 1801 California St. Ste 2500 , Denver, CO, 80202		8. WELL NAME and NUMBER: Cane Creek Unit 36-2H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0267 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 25.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500330000
PHONE NUMBER: 713 351-1968 Ext		9. FIELD and POOL or WILDCAT: BIG FLAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 5/12/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The Cane Creek Unit 36-2H was spud on 5/12/14. Set 110 ft of 20 inch conductor and cemented 13 yards of Redi-Mix concrete.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 23, 2014		
NAME (PLEASE PRINT) Sandi Stocker	PHONE NUMBER 720 931-9637	TITLE Engineering Tech
SIGNATURE N/A	DATE 5/23/2014	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Fidelity Expl & Prod Co Operator Account Number: N 3155
Address: 1801 California St. Suite 2500
city Denver
state CO zip 80202 Phone Number: (303) 893-3133

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301950033	Cane Creek Unit 36-2H		SWSW	36	25S	19E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Sandi Stocker

Name (Please Print)

Signature

Engineering Tech

Title

5/23/2014

Date

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

CANE CREEK UNIT 36-2H 43-019-50033

CCU 36-2H - 24 Hour Notice of Intent to Run 7" Intermediate #2 Casing

1 message

SWSU 5-36 T25S R19E LEASE ML-40571

Nabors M38 <NaborsM38@fidelityepco.com>

Sun, Jun 22, 2014 at 6:21 AM

To: Bart Kettle <bartkettle@utah.gov>

Cc: "caroldaniels@utah.gov" <caroldaniels@utah.gov>

This email is to notify you that we intend to run 7" intermediate casing to a depth of approx. 7656' in approx. 24 hrs on the Cane Creek 36-2H well in Moab, Utah.

Please call (970) 361-3297 with any questions.

Regards,

Drilling Supervisor,

Nabors M38

43 019 50033

FIDELITY EXPLORATION & PRODUCTION CO.

CANE CREEK UNIT 36-2H

SW/SW Section 36, T25S, R19E

GRAND COUNTY, UTAH



GEOLOGY REPORT
by

Sam Spencer
Consulting Geologist
Spencer Consulting LLC
254 Elmwood Dr
Colorado Springs, Colorado 80907
Hm: 719-598-3138
Cell: 719-258-7712

John Flinn
Consulting Geologist
John E. Flinn, LLC
375 S. Main St., #249
Moab, Utah 84532
Cell: 435-220-0645

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-2H

OPERATOR: FIDELITY EXPLORATION & PRODUCTION CO.

ADDRESS: 1801 California St., Suite 2500, Denver, CO. 80202

WELL NAME: CANE CREEK UNIT 36-2H

API #: 43-019-50033-0000

SURFACE LOCATION: SW/SW SEC 36 T25S R19E
267' FSL & 754' FWL

FIELD: Cane Creek Unit

COUNTY, STATE Grand, Utah

BASIN: Paradox

WELL TYPE: Horizontal Pennsylvanian Cane Creek

BASIS OF PROSPECT: Production from Cane Creek in near by well

ELEVATION: GL: 5795' Meas. Graded KB: 5818'

SPUD DATE May 25, 2014

TD DATE: July 2, 2014

HORIZONTAL TARGET: CANE CREEK

TOTAL DEPTH: 11,484' MD

TVD AT TD: 7681.10'

BOTTOM HOLE LOCATION: 1003.84' S & 4240.08' E
736.84' FNL & 285.92' FEL SEC 1 T26S R19E

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-2H

FINAL VERTICAL SECTION: 4356.54

ENTRY CANE CREEK VS: 7462' MD 389' VS

FEET DRILLED CANE CREEK TARGET: 1539' in Cane Creek Target
7555'-7930' & 8365'-8616' & 9495'-9595' & 10353'-11070' & 11265'-11361'

FEET DRILLED CC ENTRY TO TD: 4020'

PERCENT IN ZONE: 38.28%

FINAL CLOSURE AZIMUTH: 103.32°

PROPOSED AZIMUTH: 102.26°

TOTAL DRILLING DAYS 24

STATUS OF WELL: Waiting Completion

CONTRACTOR: Nabors Rig M38

TOOLPUSHER: Kurt Cleaveland, Richard Balduc

FIELD SUPERVISORS: Doug Long, Scott Brady, Daniel Ratliff, Rajman Williams

MUD COMPANY: NOV Bariod
Rio Good, D.J. Groetken, Jason Hurt, Dan Geller, Michael Whitt

MUD TYPE: AIR / AIR MIST / INVERT

WELLSITE GEOLOGISTS: Sam Spencer, John Flinn

PROSPECT GEOLOGIST: Dave Koval, Bob Flook, Dave List, Fidelity

WELL DATA SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-2H

ROCK SAMPLING:

30' Lagged Samples to Cane Creek
30' Lagged Samples in Cane Creek
Two sets of dry sample cuts were collected.

DIRECTIONAL DRILLERS:

Pathfinder
Matt Geiser, Herold Berg

MWD:

Pathfinder
Ryan Bordelon, Seth Linaman

CASING:

13 3/8" J-55 54.5# @ 1068'; 9 5/8" HCP-110 47# @ 4191';
7" @ 11,476'

HOLE SIZE:

17 1/2" to 1075'; 12.28" to 4,204'; 9 1/2" to 6,201';
8 1/2" to 11,482' TD

CORES and DST's:

NONE

WIRELINE/OPEN HOLE LOGS:

NONE

KEY OFFSET WELLS

FIDELITY EPCO CANE CREEK UNIT 36-1
SECTION 36, T25S, R19E

FIDELITY EXPLORATION AND PRODUCTION
DISTRIBUTION
CANE CREEK UNIT # 36-2H

<u>DISTRIBUTION</u>	Geological Report	Final Mud Log prints	Digital mud log	Well Cuttings
Fidelity Exploration and Production Co. Jenifer VanHolland 1801 California St. Suite 2500, Denver CO 80202	1	1	1	0
Dave Koval Fidelity Exploration and Production 1801 California St. Suite 2500 Denver, CO 80202	1	1	1	1
State of Utah Division Oil Gas and Mining P.O. Box 145801 1594 W. Temple Suite 1210 Salt Lake City, UT 84114-5801	1	0	1	1
Bureau of Land Management Moab Field Office 82 E. Dogwood Moab, UT 84532	1	0	0	0

GEOLOGICAL REPORT

INTRODUCTION

The Fidelity Exploration & Production Co. Cave Creek Unit State #36-2H, located in SW SW, Section 36, T25S, R19E spud near the top of Jurassic, Wingate Sandstone on May 25, 2014. The well was drilled on an existing multi-well pad as the second well. The well was directionally drilled to avoid collision with the CCU 36-1 cased hole.

A horizontal lateral was kicked off from 6763' and directionally drilled with an approximate build rate of 10 degrees per 100 feet at an average azimuth of 102 degrees to a landing point at 7756' at 84 degrees inclination.

A 24 hour, two man geologist well site service began on June 12, 2014 at 4,191', the base of intermediate 9 5/8" casing. An MSI chromatograph was used to record total gas along with the various gas components of C-1 through C-4. The total gas readings were displayed on the rig electronic data recorder screen "Pason" for viewing by operating personnel at the rig. The total gas and the various gas components recorded were plotted at lagged depth to compile a permanent mudlog record of drilling parameters, the lithology drilled, along with hydro carbon shows.

CCU 36-2 H

The well spudded near top of Jurassic, Wingate Sandstone and was drilled with air/water to 1068' in the Triassic, Moenkopi Formation where 13 3/8 inch surface casing was set and cemented. Drilling continued with a 12 1/2" hammer bit to 4,204' where 9 5/8" HCP-110 BTC casing was set at 4191'. The 9 5/8" intermediate casing was set in the Paradox Formation, Salt # 2. A Formation Integrity Test (F.I.T.) was performed to 18.0 MWE. Geologic service started at this depth.

After a successful FIT, drilling continued using an 8 1/2 x 9 1/2" bi-center PDC bit, mud motor and oil base invert mud system. While drilling ahead gas increases were recorded from various zones as detailed below.

Clastic #2: Gas increased to 192 units from 4288' to 4314' primarily from black, organic, carbonaceous, shale and light to medium gray, very fine crystalline dolomite. Gas composition was methane and ethane. Mud weight was 14.3 ppg.

Clastic # 9: Gas increased to 292 units from 5529' to 5535' from black, organic rich carbonaceous shale and light gray micro crystalline dolomite. The gas composition was methane and ethane. Mud weight was 14.3ppg. At 5650' in salt # 11 the hole was seeping 1 bbl mud to the formation.

Clastic # 12: The interval from 5806' to 5820' gave a gas increase to 3673 units. Samples indicated the zone was composed of light gray, micro crystalline, calcareous dolomite and black, organic, sooty shale. Mud weight was 14.3 ppg. A brief 5-10' flare was noted. Methane through Butane gases were recorded by the chromatograph. The background gas remained at 1500 units until tripping for a failed mudmotor at 6201'

Clastic # 14: While drilling at 5983' a 21 bbl salt water influx was noticed. The well was shut in. The well head pressure was 220# with the mud weight being 14.3. The mud weight was increased to 15.3 and drilling resumed. There was little to no gas increase in the interval. Samples in the interval indicate the

brine water is coming from dolomite, black shale and anhydrite. The salt water brine flow continued to lower the mud weight and lower the oil/water ratio of the mud throughout the entire time as drilling continued to TD.

Clastic #18/19: Black, sooty, soft shale and brown-gray, micro crystalline, dolomite was logged at 6703' to 6747'. There was no noticeable gas increase due to the mud weight of 14.7 and ECD of 16.2 while drilling. Methane and ethane gases were recorded.

HORIZONTAL LATERAL 36-2H

The lateral was kicked off at 6763' into Salt #20. The bottom hole drilling assembly consisted of a PDC bit and a 1.75 degree bend mudmotor. A 10° per 100 ft curve was built. Mud wt at this point was 14.8 ppg, ECD 16.19. Clastic 20 was topped at 7084' md, 7065' tvd. Mud weight was 14.7 while drilling in to the Cane Creek which was penetrated at 7464' md, 7302' tvd.

At 7587' md in the Cane Creek B Hot Shale 20 bbls of mud were lost in a short time. LCM sweeps were pumped and the losses were reduced. With the MPD system gas increases were held to a minimum. At 7656' the curve BHA was tripped out and the Lateral IPZIG BHA was run. Drilling continued. The well bore was positioned in the Cane Creek Target Dolomite. The background gas was 1000 to 1200 units. The high background gas was coming from the upper clastics as well as the Cane Creek. The MPD was masking any influxes. At 7912' the Hot B Shale was drilled up into. The near bit inc was 87°. The formation dip had dropped to a 16° down. The well bore at this time was 74°. The A zone was drilled into and back out of. The top of the target was drilled into at 8440'. A dip reversal at 8400' showed the upward dip to be 2° up. The well path was deviated upward but due to the 6° yield of the Lateral BHA the well penetrated into the underlying Salt # 22 at 8741'. The well bore was brought up to 102°. The formation had been about 10 deg up was now a 17 deg down. The well path traversed the entire Cane Creek section from bottom to top in 300' of drilling. The well path was brought to 7 deg down. Salt # 21 was drilled for 530'. At 10241' the top of the Cane Creek was penetrated once again. The formation dip roll to a 16 deg down. The well path was brought to 76 deg. The Hot B Shale was in and out of 5 times. Gas shows were masked by the MPD system. The background gas was steady at 1800 to 2400 units. Connection gasses were up to 3500 units. The connection gasses began to have a two spike characteristic showing at least two zones were contributing. This was the bottom of the hole at 11000' and the Cane Creek entry point at 7600'. At 11422' the base of the Cane Creek was drilled out of and the TD was called at 11482'.

Throughout the course of this lateral the formation had been folded. Constriction folding in a sinusoidal manner with a wave length of 1500' was observed. The folding made geosteering difficult and impossible to stay in the target formation. The Salt water flow from Clastic # 14 continued to contaminate the mud for the duration of the drilling. The MPD was trying to keep a high enough ECD on the water flow that it masked any obvious shows in the Cane Creek. Mud losses while drilling the Cane Creek were in excess of 3000 barrels.

Based on the hydrocarbon shows and mud losses encountered in this well it is anticipated that this well can be completed as a commercial oil producer from the Cane Creek Shale.

Sam Spencer

Consulting Geologist

DAILY DRILLING SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-2H

DAY	DATE 2014	DEPTH 06:00 HRS	24 HR FOOTAGE	BIT #	Mud Losses	24 HR ACTIVITY	FORMATION
1	13-Jun	4204	0	3	0	Rig up flowline. PU bit. TIH drill shoe track. New formation. Perform FIT Held 18.0 MWE. TOOHP vertical hole BHA Bi-center bit 8.5-9.5" TIH slip & cut DRLG line, install rotating head.	Paradox Salt Section
2	14-Jun	4204	362	3	0	Install rotating head. Drill 4,204-4,207' displace H2O w/ OBM. Drill f/ 4,207' to 4,566'.	Paradox Salt Section
3	15-Jun	4566	601	3	34	Drill f/ 4,566' to 5,167'	Paradox Salt Section
4	16-Jun	5167	620	3	43	Drill f/ 5,167' to 5,789'	Paradox Salt Section
5	17-Jun	5787	414	3	125	Drill f/ 5,789' to 5,812' Clastic # 12, 3673' units 5-10' flare. Drill to 5,836 shaker # 1 down, use pason gas to 5,914'. Drill to 5,983' Well kicked in Clastic # 14 Salt water flow. Shut in w/ Hydrill bag. 643# on wellhead. Condition mud to 15.5 ppg. Drill to 6,071' replace rotating head. Drill to 6,201' Mudmotor failed and stopped drilling. Condition mud raise mud wt to 16.3 kill mud.	Paradox Salt Section
6	18-Jun	6201	2		110	Condition mud, raise mud wt. Kill mud 16.75 ppg. TOOHP XO bit/motor. Scribe motor. Surface test MWD. TIH, Displace 16.75 kill mud w/ 14.8 mud Drill f/ 6,201' to 6,203'	Paradox Salt Section
7	19-Jun	6203	755	4	0	Drill f/ 6,203' to 6,763' KOP, start to build curve f/ 6,763' to 6,958'	Paradox Salt Section
8	20-Jun	6958	502	4	14	Drill, build curve f/ 6,958' to 7,460'	Paradox Salt Section
9	21-Jun	7460	197	4	32	Drill Build curve, f/ 7,460' to 7,587'. Hole taking ~ 60 bbl/hr mud. Pull back, pump LCM sweeps. Heal up losses. Drill f/ 7,587' to 7,687' Landing pt. Circulate.	Paradox Salt Section Cane Creek
10	22-Jun	7657	0	4	404	Circulate. TOH 4,191' 9 5/8" Casing Shoe. Displace 14.5 ppg mud w/ 16.5 kill mud. TOOHP, LD BHA, Make up IPZIG Lateral BHA. TIH to 4000' forgot screen TOOHP 13 stds. Remove screen, TIH losing mud.	Cane Creek
11	23-Jun	7657	274	5	135	TIH to 4385' Displace 16.7 kill mud w/ 14.7 active mud. Top drive repair. TIH to 6900' Displace kill mud. TIH. Drill f/ 7,657' to 7,931'	Cane Creek
12	24-Jun	7931	339	5	106	Drill f/ 7,931' to 8,270'	Cane Creek
13	25-Jun	8270	445	5	160	Drill f/ 8,270' to 8,715'	Cane Creek

DAILY DRILLING SUMMARY
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT # 36-2H

DAY	DATE 2014	DEPTH 06:00 HRS	24 HR FOOTAGE	BIT #	Mud Losses	24 HR ACTIVITY	FORMATION
14	26-Jun	8715	731	5	112	Drill f/ 8,715' to 9,446'	Cane Creek
15	27-Jun	9446	414	5	72	Drill f/ 9,446' to 9,860'	Cane Creek
16	28-Jun	9860	560	5	56	Drill f/ 9,860' to 10,420'	Cane Creek
17	29-Jun	10420	356	5	205	Drill f/ 10,420' to 10,776'	Cane Creek
18	30-Jun	10776	459	5	151	Drill f/ 10,776' to 11,235'	Cane Creek
19	1-Jul	11235	247	5	218	Drill f/ 11,235' to 11,482' TD well Circulate.	Cane Creek
20	2-Jul	11,482	0	5	157	Circulate, Wiper trip, Pulling tight @ 10,146'. Work pipe POH work pipe.	Cane Creek
21	3-Jul	11482	0	5	-122	Work pie. Pulling tight 10,146' to 8,200' TOOH to 6700'. TIH Circulate at 9200'. 35' flare while circulating BU. TIH Circulate 10' flare. Circulate.	Cane Creek
22	4-Jul	11482	0	5	340	Circulate and condition mud. TOOH lay down 3500' DP. TOOH to 6700'. Pump 16.4 kill mud displace 14.7 mud. Flow check. Pump slug. TOOH to 4200' Slip and cut drilling line.	Cane Creek
23	5-Jul	11482	0	5	324	TOOH, Lay down directional tools. RU casers. Run 7" HCP-110 BTC 29 & 32 lb/ft	Cane Creek
24	6-Jul	11482	0		334	Run 7" HCP-110 BTC, circulate at 6700, 7700', 9600', 11,440'.	Cane Creek
25	7-Jul	11482	0		147	Land casing at 11,476'. Rig up cement head, RU cementers. Pump 20 bbl diesel, 30 bbl tuned spacer, 145 bbl lead 150 bbl tail, 190 bbl total cement. Pump 425 bbl CaCl water displace cement. Cement casing. Bump plug. Geologists released.	Paradox Salt Section

BIT RECORD
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK # 36-2H

OPERATOR: FIDELITY EXPLORATION
 & PRODUCTION CO.

CONTRACTOR: Nabors Rig M38

SPUD DATE May 25,2014

WELL NAME: CANE CREEK UNIT 36-2H

RIG MAKE: Loadmaster 142' 550K
 1500 HP

LOCATION: Sec 36 T25S, R19E
 267' FSL & 754' FWL

PUMPS: 2 H&H 1600 12"

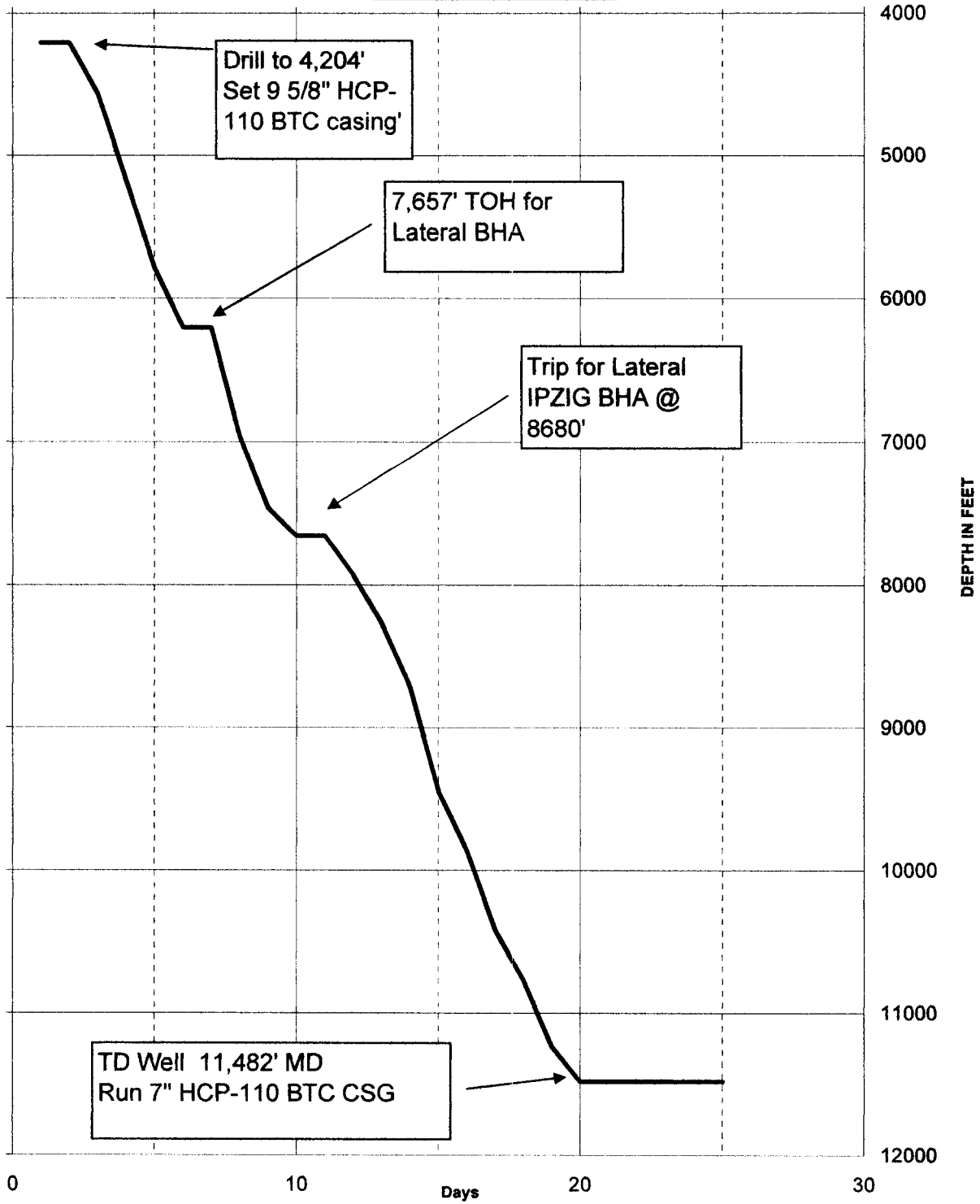
TD DEPTH/ DATE: 11,482' July 2, 2014

GROUND
 LEVEL: 5,795' (meas. Graded)

KELLY
 BUSHING: 5,818' (meas. Graded)

Bit #	Size	Make	Type	Jets	Serial #	Depth In	Depth Out	Ftg	Hours	Ft/Hr	Vert. Dev.
1	17 1/2	NUMA	P125 Challenger	1.125"	206056	103	1075	972'	15.0	64.8	0.5
2	12.28"	NUMA	P125 Patriot	1.125"	211775	1075	4204	3,129'	60.0	52.2	0.5
3	8 1/2 -9 1/2"	REED	CSDH6411	8x16	A156198	4204	6201	1,997'	61.8	32.3	0.2 - 2
4	8 1/2"	SEC	MMD64M	6 x 20	12121542	6201	7657	1,456'	46.6	31.2	Curve
5	8 1/2"	STC	MDi611	6x22	JJ2460	7657	11482	3,825'	163.5	23.4	Lateral

TIME VS DEPTH
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT 36-2H

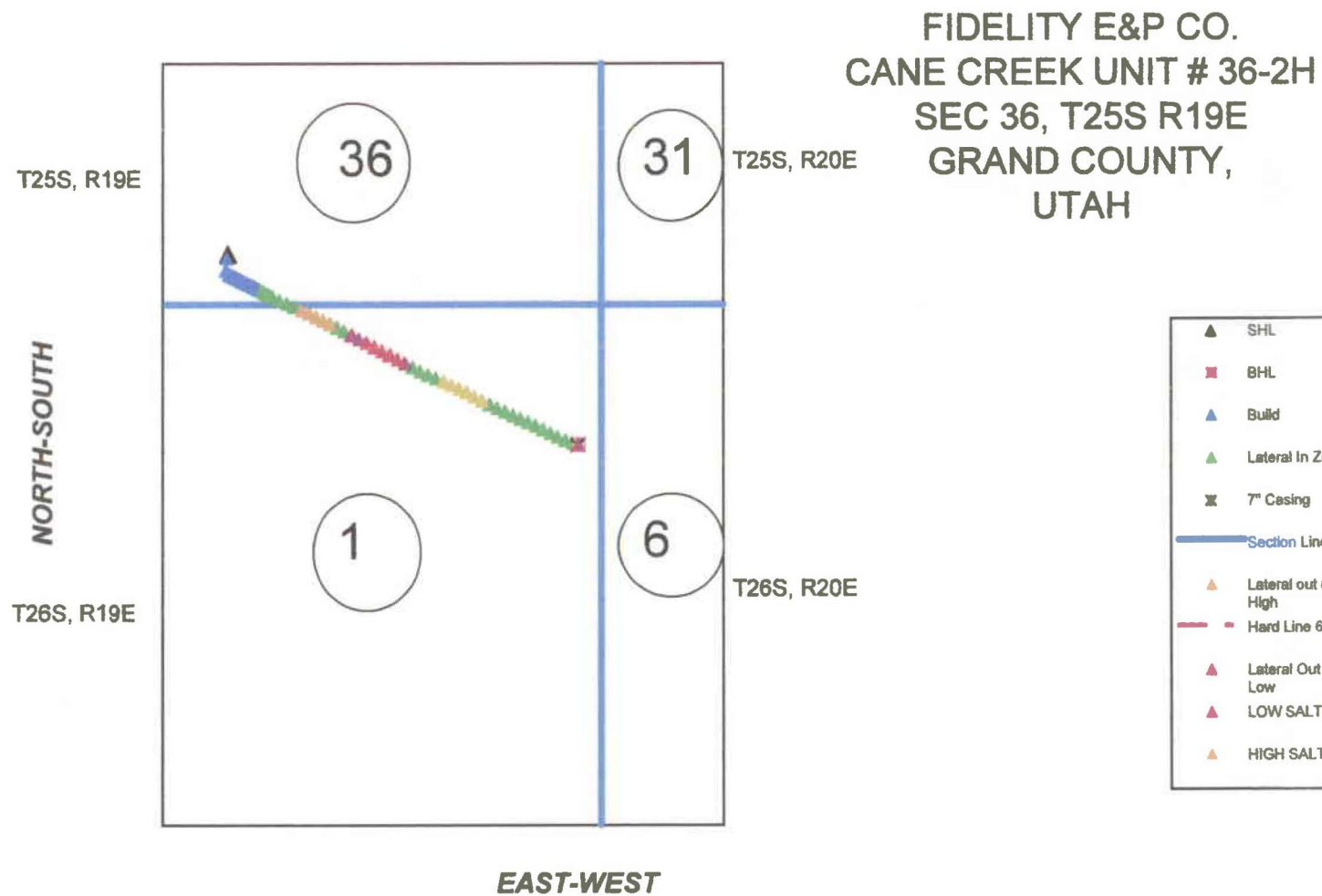


FORMATION / SALT TOPS
FIDELITY EXPLORATION AND PRODUCTION
CANE CREEK UNIT STATE # 36-2H

Formation tops							
KB 5818'							
Formation	Sample top CCU 36-1	Sub Sea			CCU 36-2H	Curve TVD	+/- 36-1
Kayenta							
Wingate SS	15						
Chinle	244						
Moenkopi	601						
Cutler	1083						
Honaker Trail	2130						
Paradox	3668	2147					
Jamay	3848	1967					
Salt # 1	3901	1914					
Clastic # 1	4068	1747					
Salt # 2	4162	1653					
Clastic # 2	4258	1557			4251	4,250.82'	7.38
Salt # 3	4340	1475			4324	4,323.48'	16.52
Clastic # 3	4483	1332			4473	4,472.06'	10.94
Salt # 4	4527	1288			4513	4,501.95'	25.05
Clastic # 4	4631	1184			4621	4,619.55'	11.45
Salt # 5	4700	1115			4687	4,685.31'	14.69
Clastic # 5	4940	875			4941	4,938.38'	1.62
Salt # 6	4987	828			4988	4,985.31'	21.69
Clastic # 6	5073	742			5049	5,046.12'	26.88
Salt # 7	5080	735			5071	5,068.09'	11.91
Clastic # 7	5138	677			5126	5,123.01'	14.99
Salt # 8	5192	623			5183	5,179.12'	12.88
Clastic # 8	5320	495'			5306	5,302.83'	17.17
Salt # 9	5360	455'			5347	5,343.81'	16.19
Clastic # 9	5514	301			5498	5,494.68'	19.32
Salt # 10	5546	289			5538	5,534.65'	11.35
Clastic # 10	5606	209			5590	5,586.61'	19.39
Salt # 11	5660	155			5660	5,656.58'	3.42
Clastic # 11	5720	95			5696	5,692.57'	27.43
Salt # 12	5734	81			5713	5,709.59'	24.41
Clastic # 12	5824	-9			5797	5,793.55'	30.45
Salt # 13	5841	-26			5816	5,812.54'	28.46
Clastic # 13	5938	-123			5911	5,907.52'	30.48
Salt # 14	5956	-141			5930	5,926.52'	29.48
Clastic # 14	5996	-181			5970	5,966.52'	29.48
Salt # 15	6018	-203			5991	5,987.51'	30.49
Clastic # 15	6164	-349			6143	6,139.45'	24.55
Salt # 16	6178	-363			6159	6,155.44'	22.56
Clastic # 16	6219	-404			6197	6,193.41'	25.59
Salt # 17	6225	-410			6206	6,202.41'	22.59
Clastic # 17	6467	-652			6436	6,432.36'	34.64
Salt # 18	6480	-665			6452	6,448.35'	31.65
Clastic # 18-19	6711	-896			6702	6,698.29'	12.71
Salt # 20	6772	-957			6762	6,758.27'	13.73
Clastic # 20	7035	-1220			7084	7,065.82'	-30.82
Salt # 21	7062	-1247			7103	7,081.97'	-19.97
Cane Creek	7313	-1498			7462	7,302.54'	10.46
Cane Creek B	7344	-1529			7585		-241'
Horizontal Target	7352	-1537					
Base Cane Creek	7399	-1584			8741	7,541.96'	-1,723.96
Salt # 22	7399	-1584			8741	7543.02	-1,725.02
Clastic # 22	7409	-1594			8771	7543.02	-1,725.02
Salt # 23	7421	-1606			8852	7543.28	-1,725.28
TD	7521	-1706					

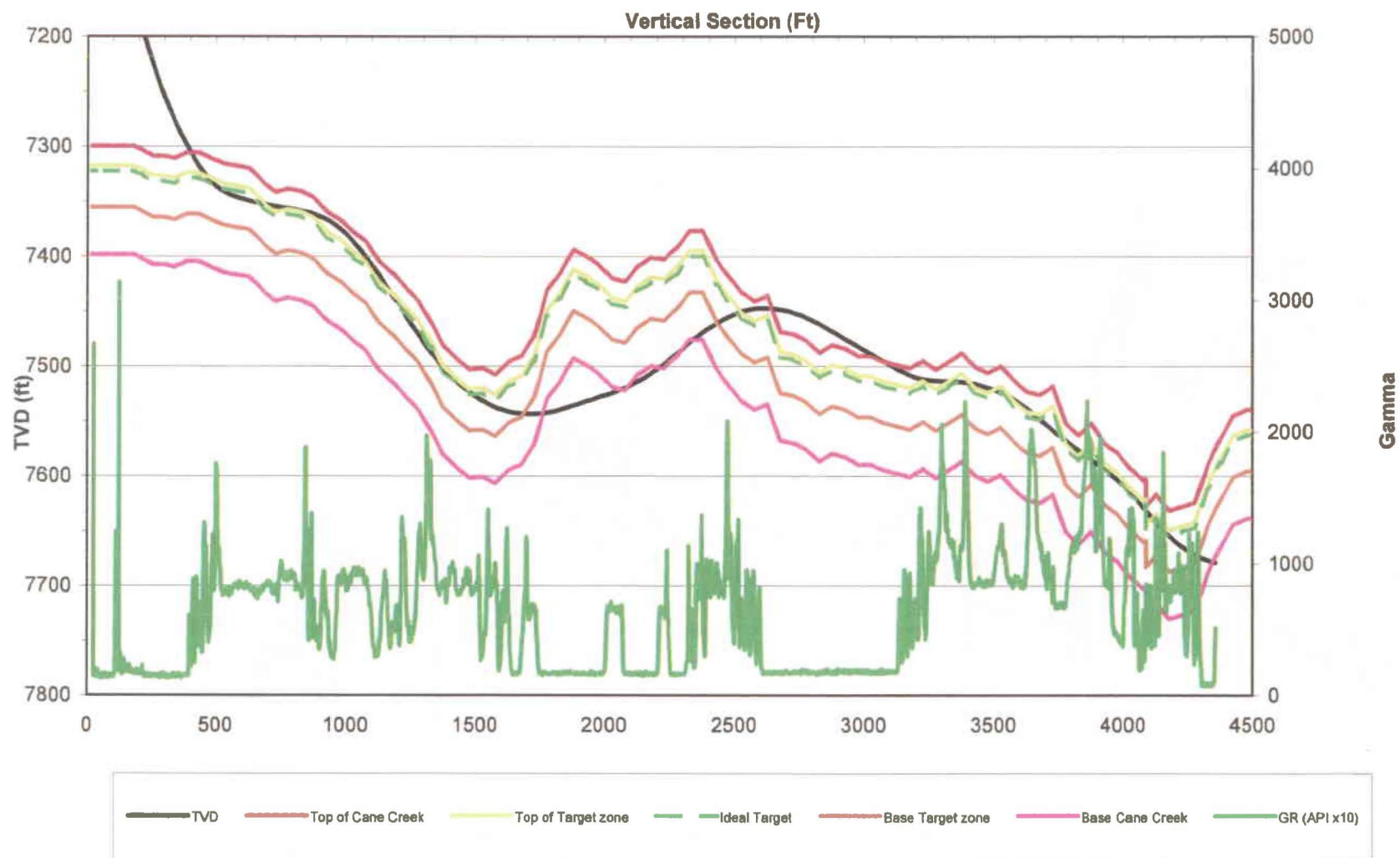
FIDELITY EXPLORATION AND PRODUCTION
INVERT MUD REPORTS
CANE CREEK UNIT 36-2H

DATE 2014	DEPTH	Flow Line Temp	WT	FV	PV	YP	GELS	API FLT	OIL/WATER	ELECTRIC STABILITY	CORRECTED SOLIDS	NaCl % wt	CaCl2 % wt	MgCl2 % wt	24 HOUR MUD LOSSES	CUMM LOSSES
15-Jun	4431	91	14.30	57	24	15	14/20	2	84.5/15.5	890	26.90	0.00	34.9	2.00	34	34
16-Jun	5370	135	14.30	51	24	12	14/21	2	85.1/14.9	792	27.50	1.40	35.2	1.70	43	77
17-Jun	5983	137	14.00	49	27	14	14/23	2	82.9/17.1	687	27.80	1.10	37.60	2.40	125	202
18-Jun	6201	118	15.30	60	34	15	9/14	2	82.0/18.0	400	30.70	0.90	38.7	2.40	110	312
19-Jun	6700	117	14.75	56	34	13	9/14	2	81.8/18.2	500	29.10	3.00	31.5	2.50	0	312
20-Jun	7111	120	14.75	53	33	18	12/19	2	81.8/18.2	620	28.10	1.80	35	2.20	14	326
21-Jun	7556	121	14.80	51	32	16	10/16	2	82.6/17.4	625	30.50	1.80	35	0.50	32	358
22-Jun	7656	114	14.50	72	41	21	14/22	2	71.2/28.8	400	26.60	1.40	36.3	1.50	404	762
23-Jun	7656	108	14.70	54	30	12	8/14	2	81.2/18.8	525	28.50	1.30	36.8	0.90	135	897
24-Jun	8,045	115	14.60	57	37	20	12/17	2	73.9/26.1	475	28.20	6.00	25.2	1.50	106	1,083
25-Jun	8443	124	14.70	60	42	22	13/18	2	72.8/27.2	500	28.50	4.60	27.6	3.10	160	1,163
26-Jun	8992	123	14.55	50	31	14	9/13	3	75.7/24.3	475	30.00	6.90	23.50	0.80	112	1,275
27-Jun	9591	123	14.60	50	30	16	8/13	2	78.4/21.6	525	30.50	2.80	32.1	0.80	72	1,347
28-Jun	10185	125	14.65	57	36	16	10/15	3	77.0/23.0	450	30.50	2.70	32.3	0.80	56	1,403
29-Jun	10568	126	14.65	55	40	12	6/10	2	74.6/25.4	325	30.90	2.10	34.2	1.00	205	1,608
30-Jun	11035	127	14.50	54	38	12	6/10	2	75.5/24.5	300	30.50	3.70	29.90	0.4	151	1,759
1-Jul	11291	123	14.60	56	34	10	6/10	2	78.3/21.7	300	31.00	8.60	20.5	2.70	218	1,977
2-Jul	11482	120	14.65	55	39	16	8/9	2	77.2/22.8	378	32.00	2.70	32.4	3.60	157	2,134
3-Jul	11482	120	14.70	61	37	21	9/10	2	75.8/24.2	584	29.00	3.50	30.4	10.20	-122	2,012
4-Jul	11482	125	14.60	52	32	16	8/9	2	76.5/23.5	617	28.60	3.80	29.5	11.50	340	2,352
5-Jul	11482	N/A	14.95	59	34	16	8/9	2	75.6/24.4	561	29.50	3.60	30.1	9.90	324	2,676
6-Jul	11482	NA	14.90	62	35	16	8/10	2	75.8/24.2	540	29.6	3.30	30.7	7.90	334	3,010
7-Jul	11482	NA	14.75	59	31	14	7/8	2	76.5/23.5	541	28.20	6.00	28.4	4.30	147	3,157

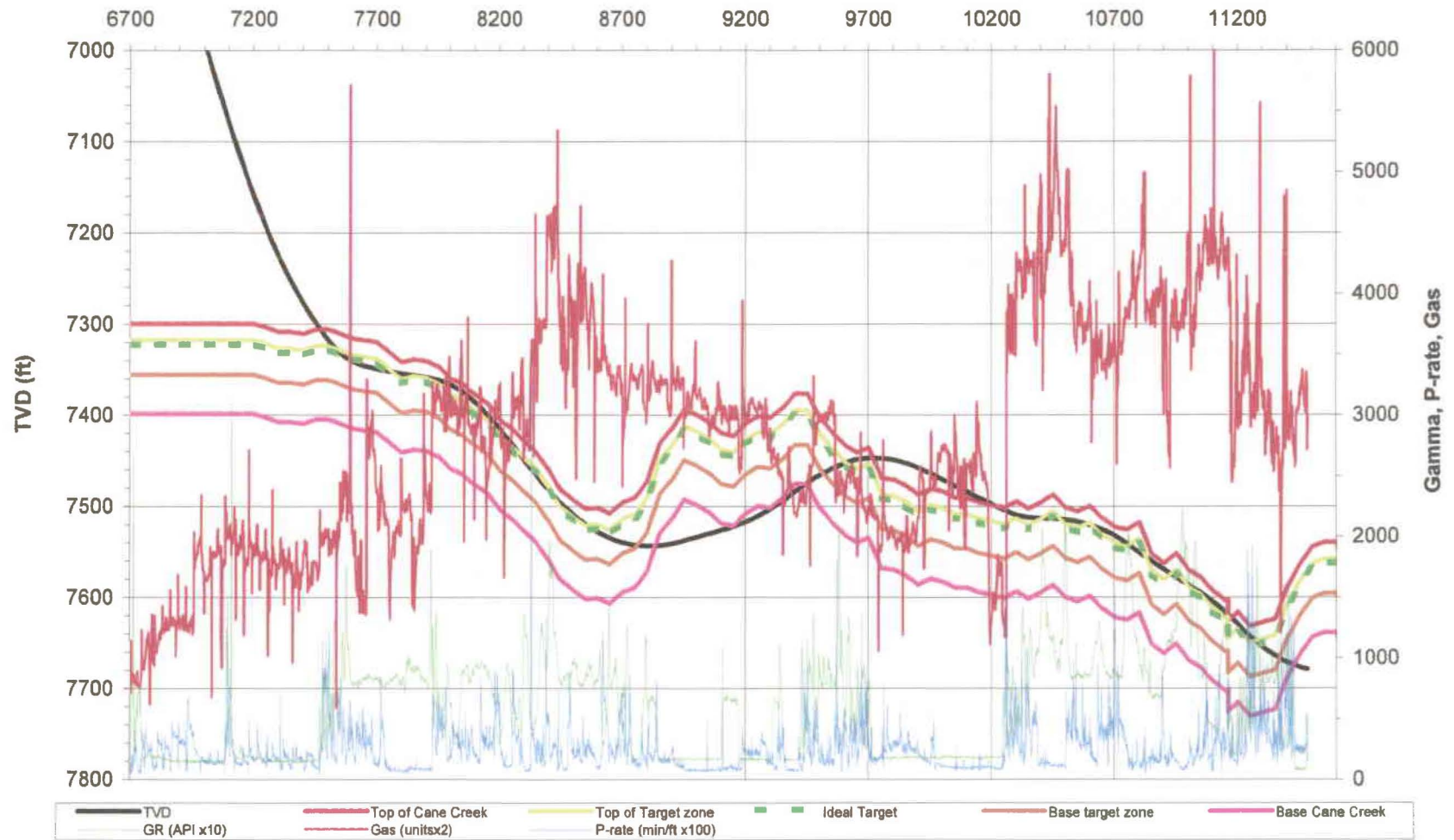


▲	SHL
■	BHL
▲	Build
▲	Lateral In Zone
⌘	7" Casing
—	Section Lines
▲	Lateral out of Zone High
—	Hard Line 660'
▲	Lateral Out of Zone Low
▲	LOW SALT 22
▲	HIGH SALT 21

Cane Creek Unit 36-2H Gamma vs. Vertical Section



Fidelity Cane Creek Unit 36-2H TVD vs. GR, ROP, Gas
Measured Depth (ft)



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME: CANE CREEK
3. ADDRESS OF OPERATOR: 1801 California St. Ste 2500 , Denver, CO, 80202		8. WELL NAME and NUMBER: Cane Creek Unit 36-2H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0267 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 25.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500330000
PHONE NUMBER: 713 351-1968 Ext		9. FIELD and POOL or WILDCAT: BIG FLAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Cane Creek Unit 36-2H had first production on 8/25/2014. 66 BO		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 04, 2014		
NAME (PLEASE PRINT) Sandi Stocker	PHONE NUMBER 720 931-9637	TITLE Engineering Tech
SIGNATURE N/A	DATE 9/4/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		7. UNIT or CA AGREEMENT NAME: CANE CREEK
3. ADDRESS OF OPERATOR: 1801 California St. Ste 2500 , Denver, CO, 80202		8. WELL NAME and NUMBER: Cane Creek Unit 36-2H
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0267 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 25.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500330000
PHONE NUMBER: 713 351-1968 Ext		9. FIELD and POOL or WILDCAT: BIG FLAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input checked="" type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/27/2014				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

 Produced water generated from this well is disposed of either at the Fidelity-operated Kane Springs 16-1 injection well or the commercial Danish Flats facility in Grand County, Utah.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 October 29, 2014

NAME (PLEASE PRINT) Sandi Stocker	PHONE NUMBER 720 931-9637	TITLE Engineering Tech
SIGNATURE N/A	DATE 10/27/2014	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571							
2. NAME OF OPERATOR: Fidelity E&P Company						6. IF INDIAN, ALLOTTEE OR TRIBE NAME 							
3. ADDRESS OF OPERATOR: 1801 California St, STE 210 CITY Denver STATE CO ZIP 80202				PHONE NUMBER: (303) 893-3133		7. UNIT or CA AGREEMENT NAME Cane Creek Unit							
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 267' FSL 754' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: 563' FSL, 686' FWL Sec 36 AT TOTAL DEPTH: 239' FNL, 820' FEL Sec 6						8. WELL NAME and NUMBER: Cane Creek Unit 36-2H							
14. DATE SPUDDED: 5/12/2014						15. DATE T.D. REACHED: 		16. DATE COMPLETED: 8/26/2014		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>		17. ELEVATIONS (DF, RKB, RT, GL): 5797	
18. TOTAL DEPTH: MD 11,482 TVD 7,681			19. PLUG BACK T.D.: MD 11,434 TVD 7,681			20. IF MULTIPLE COMPLETIONS, HOW MANY? * 0			21. DEPTH BRIDGE MD 0 PLUG SET: TVD 0				
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)										23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
	20 PI 5+	133	0	133		redimix			
17.5	13 3/8 J55	54.5	-4	1,064		Class f	223		
12 1/4	9 5/8 P110	47	30	4,191		Class g	381	3500	
8 1/2	7 P110	32	-2	11,477		Class f	294		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	7.520	6.698						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) CANE CREEK	7,525	11,398	7,325	7,670	7,525 11,398	.35	10,555	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		IF YES -- DATE FRACTURED: _____
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL	

29. ENCLOSED ATTACHMENTS:

- | | | | |
|---|--|---------------------------------------|--|
| <input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS | <input type="checkbox"/> GEOLOGIC REPORT | <input type="checkbox"/> DST REPORT | <input checked="" type="checkbox"/> DIRECTIONAL SURVEY |
| <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION | <input type="checkbox"/> CORE ANALYSIS | <input type="checkbox"/> OTHER: _____ | |

30. WELL STATUS:

FLOWING

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 8/26/2014	TEST DATE: 8/26/2014	HOURS TESTED: 377	TEST PRODUCTION RATES: →	OIL – BBL: 200	GAS – MCF: 48	WATER – BBL: 1	PROD. METHOD: FLOWING
CHOKE SIZE: 7/64	TBG. PRESS. 645	CSG. PRESS. 1,700	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS: FLOWING

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

FLARED

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Clastic 12	5,821	5,839	Tops are from vertical pilot hole 36-1 drilled from same wellpad location	Moenkopi	601
Clastic 18	6,709	6,721		Cutler	1,083
Clastic 19	6,733	6,766		Honaker Trail	2,130
Cane Creek	7,308	7,399		Paradox	3,646

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Renee Kendrick

TITLE Environmental Project Specialist

SIGNATURE

DATE 12/10/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

CCU 36-2H As-Built Wellbore Diagram - 08/24/14



WELL NAME: CC Unit 36-2H SECTION, TOWNSHIP, RANGE: SWSW Sec 36 25S 19E
 FIELD: Cane Creek SHL: 267' FSL 754' FWL
 LOCATION: Grand County, UT SURFACE LAT: 38 deg 34' 48.1441" N NAD 1983
 API#: 43-019-50033 SURFACE LONG: 109 deg 46' 48.7642" W NAD 1983
 AFE NUMBER: 130146 KB: 5815
 SPUD DATE: 05/25/2014 GL: 5792
 REVISION DATE: 10/06/2014 UPDATED BY: RAB

BHL: S: 1003.84' / E: 4240.08' / Vert Section 4356.54'

PIPE	Size	Grade	Weight	CONN	OD (")	ID (")	Drift Dia (")	Burst	Collapse	TOC (')	TOP (')	BTM (')
Conductor	20	PI 5L				19.500					cellar	
Surf Csg	13 3/8"	J-55	54.5	BTC	13.375	12.615	12.459	2,730	1,130	Surface	wellhead	1,064
Inter Csg	9 5/8"	P 110	47.0	BTC	9.625	8.681	8.525	9,440	5,310	Surface	wellhead	4,191
Prod Csg	7"	HCP 110	29.0	BTC	7.000	6.184	6.059	12,220	8,530	unknown	wellhead	3,575
Prod Csg	7"	HCP 110	32.0	BTC	7.000	6.094	5.969	12,460	10,760		3575	7,908
Prod Csg	7"	HCP 110	29.0	BTC	7.000	6.184	6.059	12,220	8,530		7,908	11,477

Current Status: M38 Spud 5/25/14; Rig Release 07/09/14. Wireline set 7" Baker RB at 6500'.

Completion RU 08/13/14; Fired guns 08/24/14; Turn well over to production xx/xx/xx

Production Equipment

Production Tubing:

2 7/8" 6.5 ppf L/N-80 EUE 8RD tubing (w/ space out pups 1 jnt below tbg hanger) from surface
 2 7/8" side pocket mandrel w/ dummy valve at 5009'
 2 7/8" 6.5 ppf L/N-80 EUE 8RD tubing
 X profile 2.313" seal bore
 1 joint 2 7/8" 6.5 ppf L/N-80 EUE 8RD
 4' x 2 7/8" ported chemical injection sub w/ 3/8" capillary tubing to surface
 6' x 2 7/8", 6.5 ppf Pup
 L-10 on-off connector skirt

Production Packer:

2 7/8" x 7" retrievable production packer at 6698'

Note: L-10 on-off connector seal nipple on top of packer has an internal X profile (2.313" seal bore)

Packer Tail Assembly:

6' x 2 7/8", 6.5 ppf Pup
 XN profile 2.313" seal bore & 2.205" NO-GO
 6' x 2 7/8", 6.5 ppf Pup
 2 7/8" box x pin tubing swivel
 2 7/8" 6.5 ppf L/N-80 EUE 8RD to ported flow subs and 4.625" Halliburton TCP gun system at 7525' top shot (three 2 7/8" ported flow subs immediately above or 1 joint above gun assembly)

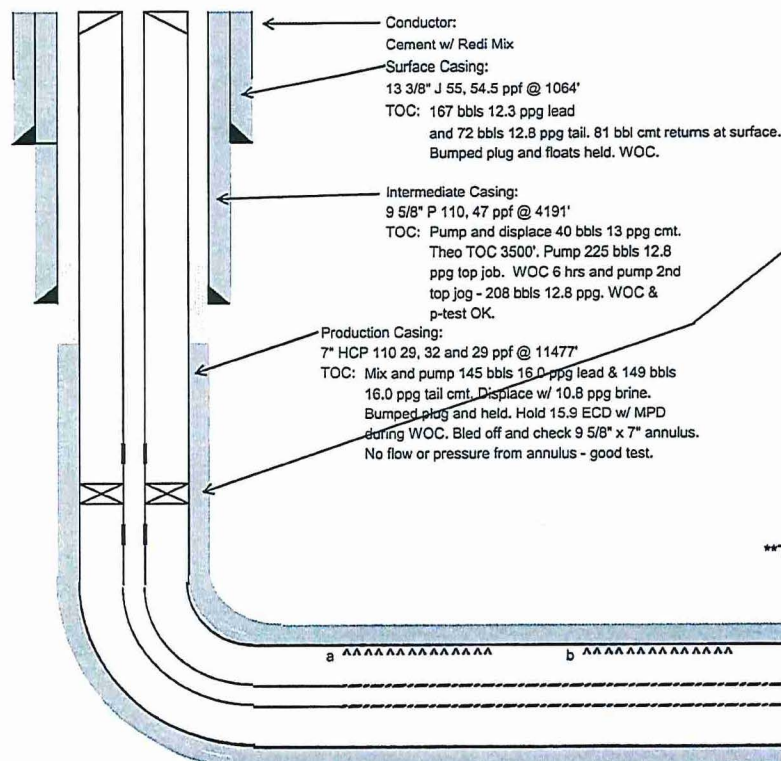
**TCP Completion

Perforations (underbalanced TCP perforations completion)

	Top (MD) feet	Btm (MD) feet	Top (TVD) feet	Btm (TVD) feet	Net Int (MD) feet	Size inch	SPF #	Phase deg	Holes #	Status	Blank (MD) feet
a	7,525	8,010	~7325		485	0.35	5	60	2425	proposed	
b	8,218	8,680			462	0.35	5	60	2310	"	208
c	9,454	9,625			171	0.35	5	60	855	"	774
d	10,320	11,160			840	0.35	5	60	4200	"	695
e	11,245	11,398			153	0.35	5	60	765	"	85
f					0	0.35	5	60	0		0
g					0				0		0
h					0				0		0
i											
j											
Gross: 3,873			2,111			10555			1,762		

**TCP System: Halliburton 4 5/8" EHC, 5 spf, 60 deg phase, 39 gm, Millennium HMX

KOP: ~6760'



Cane Creek Top: 7462' MD; 7303' TVD, 67 deg inclination, 401' vert section

TD: 11482' MD; 7681' TVD, 83 deg incl
 7" Shoe: 11434' MD float collar
 11476' MD float shoe

Cane Creek Unit 36-2H Wellbore Surveys

MD feet	INC deg	AZI deg	TVD feet	CL feet	SECT feet	RCN feet	RCE feet	CLDIST feet	CLDIR deg	DLS deg/100ft
0	0.00	0.00	0.00	0.00	0.07	0.05	0.08	0.09	58.11	-999.25
100	0.33	165.03	100.00	100.00	0.20	-0.23	0.15	0.28	146.14	0.33
200	0.32	183.12	200.00	100.00	0.37	-0.79	0.21	0.81	164.85	0.10
300	0.21	339.17	300.00	100.00	0.32	-0.89	0.13	0.90	171.57	0.52
400	0.22	55.83	400.00	100.00	0.35	-0.61	0.23	0.65	159.80	0.27
500	0.60	170.80	500.00	100.00	0.68	-1.02	0.47	1.13	155.40	0.72
600	0.10	114.83	600.00	100.00	0.95	-1.58	0.63	1.70	158.17	0.55
700	0.14	330.12	700.00	100.00	0.96	-1.51	0.65	1.64	156.68	0.23
800	0.17	150.66	800.00	100.00	0.97	-1.53	0.66	1.67	156.63	0.31
900	0.09	157.34	900.00	100.00	1.12	-1.73	0.76	1.89	156.19	0.08
996	0.50	160.77	995.99	96.00	1.38	-2.20	0.93	2.39	157.03	0.43
1136	0.31	142.49	1135.99	140.00	1.99	-3.08	1.36	3.36	156.09	0.16
1225	0.31	154.81	1224.99	89.00	2.32	-3.48	1.61	3.84	155.16	0.08
1317	0.31	154.81	1316.99	92.00	2.62	-3.93	1.82	4.34	155.12	-999.25
1408	0.09	232.87	1407.99	91.00	2.72	-4.20	1.87	4.60	155.98	0.34
1502	0.09	237.59	1501.99	94.00	2.62	-4.28	1.75	4.63	157.77	0.01
1590	0.09	240.89	1589.99	88.00	2.52	-4.36	1.63	4.65	159.45	0.01
1685	0.00	344.19	1684.99	95.00	2.46	-4.39	1.57	4.66	160.36	0.09
1777	0.09	250.06	1776.99	92.00	2.40	-4.42	1.50	4.66	161.25	0.10
1868	0.22	252.26	1867.99	91.00	2.19	-4.49	1.27	4.67	164.27	0.14
1957	0.22	255.57	1956.99	89.00	1.89	-4.59	0.94	4.68	168.45	0.01
2052	0.22	225.78	2051.99	95.00	1.63	-4.76	0.63	4.80	172.46	0.12
2141	0.22	209.39	2140.99	89.00	1.48	-5.03	0.42	5.05	175.18	0.07
2242	0.31	237.46	2241.98	101.00	1.23	-5.35	0.10	5.35	178.95	0.15
2338	0.31	220.49	2337.98	96.00	0.92	-5.68	-0.29	5.69	182.92	0.10
2435	0.31	197.27	2434.98	97.00	0.78	-6.13	-0.54	6.16	185.01	0.13

2529	0.40	204.76	2528.98	94.00	0.68	-6.67	-0.75	6.72	186.42	0.11
2630	0.49	221.86	2629.98	101.00	0.39	-7.32	-1.19	7.41	189.21	0.16
2726	0.62	211.85	2725.97	96.00	0.02	-8.06	-1.73	8.25	192.14	0.17
2816	0.49	223.97	2815.97	90.00	-0.35	-8.75	-2.26	9.04	194.47	0.19
2914	0.49	209.08	2913.96	98.00	-0.69	-9.42	-2.75	9.81	196.29	0.13
3006	0.49	195.68	3005.96	92.00	-0.83	-10.14	-3.05	10.59	196.74	0.12
3101	0.62	194.98	3100.96	95.00	-0.88	-11.03	-3.29	11.51	196.62	0.14
3199	0.49	208.20	3198.95	98.00	-1.02	-11.91	-3.63	12.45	196.94	0.19
3295	0.49	205.99	3294.95	96.00	-1.23	-12.64	-4.00	13.26	197.57	0.02
3387	0.71	219.39	3386.94	92.00	-1.58	-13.44	-4.54	14.18	198.65	0.28
3485	0.71	221.77	3484.94	98.00	-2.16	-14.36	-5.33	15.32	200.35	0.03
3577	0.80	221.20	3576.93	92.00	-2.75	-15.27	-6.13	16.45	201.87	0.10
3675	0.80	208.77	3674.92	98.00	-3.27	-16.38	-6.91	17.78	202.87	0.18
3765	0.62	223.18	3764.91	90.00	-3.70	-17.29	-7.54	18.86	203.58	0.28
3863	0.49	222.78	3862.91	98.00	-4.19	-17.98	-8.19	19.76	204.49	0.13
3964	0.49	221.68	3963.90	101.00	-4.62	-18.62	-8.77	20.58	205.22	0.01
4061	2.92	225.62	4060.85	97.00	-6.18	-20.66	-10.81	23.32	207.63	2.51
4158	2.61	226.79	4157.74	97.00	-8.79	-23.90	-14.19	27.80	210.70	0.32
4219	3.08	226.53	4218.66	61.00	-10.50	-25.98	-16.39	30.72	212.25	0.77
4315	3.69	217.01	4314.50	96.00	-13.25	-30.22	-20.12	36.31	213.66	0.86
4411	4.48	205.04	4410.25	96.00	-15.37	-36.08	-23.57	43.10	213.15	1.21
4507	4.84	200.23	4505.94	96.00	-16.76	-43.28	-26.56	50.78	211.53	0.55
4602	4.66	190.50	4600.61	95.00	-17.20	-50.84	-28.65	58.35	209.40	0.87
4698	5.01	185.87	4696.27	96.00	-16.61	-58.84	-29.79	65.95	206.85	0.55
4794	5.19	191.81	4791.89	96.00	-16.11	-67.26	-31.10	74.10	204.82	0.58
4890	4.66	186.36	4887.54	96.00	-15.68	-75.39	-32.42	82.06	203.27	0.74
4985	4.13	172.05	4982.26	95.00	-14.10	-82.61	-32.38	88.73	201.40	1.28
5081	3.08	148.09	5078.08	96.00	-11.11	-88.22	-30.54	93.36	199.09	1.89
5176	3.25	133.19	5172.93	95.00	-7.02	-92.23	-27.22	96.17	196.44	0.88
5271	1.67	123.37	5267.84	95.00	-3.42	-94.84	-24.10	97.85	194.26	1.71
5367	1.93	123.21	5363.79	96.00	-0.60	-96.49	-21.58	98.88	192.61	0.27
5463	2.64	120.65	5459.72	96.00	3.01	-98.50	-18.33	100.20	190.54	0.75

5559	2.20	116.99	5555.63	96.00	6.89	-100.47	-14.78	101.55	188.37	0.49
5655	1.49	119.83	5651.58	96.00	9.86	-101.93	-12.06	102.64	186.75	0.75
5750	1.14	108.20	5746.56	95.00	11.98	-102.83	-10.09	103.33	185.60	0.46
5845	1.23	83.38	5841.54	95.00	13.88	-103.01	-8.18	103.34	184.54	0.54
5941	0.88	53.96	5937.52	96.00	15.35	-102.46	-6.56	102.67	183.66	0.66
6036	1.41	56.97	6032.50	95.00	16.65	-101.39	-4.99	101.52	182.82	0.56
6131	2.02	76.86	6127.46	95.00	18.99	-100.38	-2.38	100.40	181.36	0.89
6167	2.29	78.14	6163.43	36.00	20.22	-100.08	-1.06	100.09	180.61	0.76
6262	1.06	108.52	6258.39	95.00	22.82	-99.97	1.63	99.99	179.06	1.55
6357	1.23	185.88	6353.38	95.00	23.81	-101.27	2.36	101.29	178.66	1.51
6453	1.49	195.18	6449.35	96.00	23.86	-103.50	1.93	103.51	178.93	0.35
6548	1.76	195.92	6544.31	95.00	23.71	-106.09	1.21	106.10	179.35	0.28
6643	0.62	141.01	6639.29	95.00	24.01	-107.89	1.13	107.90	179.40	1.57
6738	1.32	88.33	6734.28	95.00	25.48	-108.26	2.55	108.29	178.65	1.12
6770	2.99	94.87	6766.26	32.00	26.66	-108.32	3.75	108.39	178.02	5.27
6801	4.66	98.48	6797.19	31.00	28.72	-108.58	5.80	108.73	176.94	5.44
6833	6.86	99.15	6829.02	32.00	31.93	-109.07	8.97	109.44	175.30	6.88
6865	9.50	100.58	6860.69	32.00	36.47	-109.86	13.45	110.68	173.02	8.27
6897	12.22	101.08	6892.12	32.00	42.50	-111.00	19.37	112.67	170.10	8.50
6928	14.77	102.13	6922.26	31.00	49.73	-112.46	26.46	115.53	166.76	8.26
6960	17.67	102.29	6952.98	32.00	58.67	-114.35	35.19	119.64	162.89	9.06
6992	20.75	101.44	6983.20	32.00	69.20	-116.51	45.50	125.07	158.67	9.66
7024	24.27	100.80	7012.76	32.00	81.45	-118.86	57.52	132.05	154.18	11.03
7055	28.05	101.09	7040.58	31.00	95.11	-121.46	70.93	140.66	149.72	12.20
7087	31.22	102.34	7068.39	32.00	110.93	-124.68	86.42	151.70	145.27	10.09
7119	33.94	103.16	7095.35	32.00	128.15	-128.49	103.22	164.82	141.22	8.61
7151	37.37	104.15	7121.35	32.00	146.80	-132.90	121.35	179.96	137.60	10.87
7183	41.06	103.35	7146.13	32.00	167.02	-137.70	140.99	197.08	134.32	11.64
7215	44.49	102.30	7169.62	32.00	188.75	-142.52	162.18	215.90	131.31	10.95
7246	48.28	102.29	7191.00	31.00	211.19	-147.29	184.11	235.78	128.66	12.23
7278	51.97	102.04	7211.51	32.00	235.74	-152.47	208.11	257.99	126.23	11.55
7310	55.31	101.75	7230.48	32.00	261.51	-157.78	233.32	281.66	124.07	10.46

7342	57.86	101.87	7248.10	32.00	288.21	-163.24	259.47	306.55	122.18	7.98
7374	60.94	102.20	7264.39	32.00	315.75	-168.99	286.40	332.54	120.54	9.67
7406	63.49	102.01	7279.31	32.00	344.06	-174.92	314.08	359.51	119.12	7.99
7438	65.77	102.98	7293.02	32.00	372.97	-181.18	342.31	387.30	117.89	7.63
7469	66.74	102.98	7305.50	31.00	401.35	-187.55	369.96	414.78	116.88	3.13
7501	69.73	103.76	7317.36	32.00	431.06	-194.43	398.87	443.73	115.99	9.61
7532	74.39	104.38	7326.91	31.00	460.53	-201.60	427.47	472.62	115.25	15.15
7565	77.91	104.01	7334.81	33.00	492.54	-209.45	458.52	504.10	114.55	10.72
7596	81.69	103.11	7340.30	31.00	523.04	-216.60	488.18	534.07	113.93	12.52
7637	85.38	103.48	7344.91	41.00	563.76	-225.97	527.82	574.15	113.18	9.04
7728	87.05	100.85	7350.92	91.00	654.55	-245.10	616.57	663.50	111.68	3.42
7822	87.67	99.70	7355.25	94.00	748.40	-261.85	708.96	755.77	110.27	1.39
7912	87.49	100.81	7359.05	90.00	838.26	-277.86	797.44	844.46	109.21	1.25
8004	82.66	101.84	7366.95	92.00	929.88	-295.85	887.29	935.31	108.44	5.37
8095	75.45	102.04	7384.21	91.00	1019.16	-314.32	974.65	1024.08	107.87	7.93
8187	71.75	102.23	7410.18	92.00	1107.40	-332.87	1060.92	1111.91	107.42	4.03
8279	69.47	101.44	7440.73	92.00	1194.18	-350.67	1145.85	1198.30	107.02	2.61
8371	70.96	102.34	7471.87	92.00	1280.74	-368.51	1230.55	1284.55	106.67	1.86
8462	74.74	102.94	7498.70	91.00	1367.68	-387.54	1315.38	1371.28	106.42	4.20
8554	79.05	103.17	7519.55	92.00	1457.25	-407.77	1402.65	1460.72	106.21	4.69
8645	82.83	102.99	7533.88	91.00	1547.09	-428.11	1490.17	1550.44	106.03	4.16
8737	87.32	102.21	7541.77	92.00	1638.73	-448.09	1579.60	1641.92	105.84	4.95
8833	90.66	102.76	7543.47	96.00	1734.70	-468.84	1673.30	1737.74	105.65	3.53
8930	94.26	102.46	7539.30	97.00	1831.59	-489.99	1767.86	1834.51	105.49	3.73
9025	94.35	103.43	7532.17	95.00	1926.31	-511.22	1860.18	1929.15	105.37	1.02
9120	94.44	103.06	7524.89	95.00	2021.02	-532.92	1952.38	2023.81	105.27	0.40
9216	96.99	102.93	7515.33	96.00	2116.53	-554.40	2045.45	2119.25	105.17	2.66
9312	99.98	103.27	7501.17	96.00	2211.45	-575.91	2137.92	2214.13	105.08	3.13
9408	102.09	103.27	7482.80	96.00	2305.66	-597.54	2229.62	2308.30	105.00	2.20
9504	98.75	102.46	7465.43	96.00	2400.06	-618.56	2321.65	2402.64	104.92	3.58
9600	96.11	99.96	7453.02	96.00	2495.22	-637.05	2415.02	2497.63	104.78	3.77
9696	90.75	100.61	7447.28	96.00	2590.95	-654.16	2509.27	2593.14	104.61	5.62

9792	87.49	100.45	7448.75	96.00	2686.89	-671.70	2603.63	2688.88	104.47	3.40
9888	83.62	101.36	7456.19	96.00	2782.55	-689.80	2697.59	2784.39	104.34	4.14
9984	82.04	101.18	7468.17	96.00	2877.78	-708.41	2791.00	2879.51	104.24	1.66
10080	82.31	102.24	7481.24	96.00	2972.88	-727.72	2884.13	2974.52	104.16	1.13
10176	81.95	103.73	7494.39	96.00	3067.97	-749.08	2976.79	3069.59	104.12	1.58
10272	83.54	103.29	7506.51	96.00	3163.17	-771.33	3069.38	3164.82	104.11	1.72
10367	88.90	101.38	7512.77	95.00	3257.93	-791.57	3161.95	3259.53	104.05	5.99
10463	89.69	101.54	7513.95	96.00	3353.91	-810.64	3256.03	3355.42	103.98	0.84
10559	86.26	101.75	7517.35	96.00	3449.83	-830.00	3349.98	3451.27	103.92	3.58
10654	83.71	101.33	7525.65	95.00	3544.45	-848.93	3442.70	3545.82	103.85	2.72
10749	78.52	100.48	7540.32	95.00	3638.25	-866.69	3534.83	3639.53	103.78	5.53
10844	79.23	100.99	7558.65	95.00	3731.43	-884.05	3626.41	3732.61	103.70	0.92
10940	79.93	101.32	7576.01	96.00	3825.83	-902.32	3719.04	3826.94	103.64	0.80
11036	80.37	103.14	7592.43	96.00	3920.41	-922.35	3811.48	3921.49	103.60	1.92
11130	76.24	102.37	7611.49	94.00	4012.44	-942.67	3901.23	4013.51	103.58	4.47
11226	73.95	101.13	7636.18	96.00	4105.20	-961.57	3992.05	4106.22	103.54	2.69
11321	78.79	100.73	7658.56	95.00	4197.47	-979.07	4082.67	4198.43	103.49	5.11
11416	83.27	98.18	7673.37	95.00	4291.16	-994.46	4175.21	4292.01	103.40	5.41
11482	86.97	100.00	7678.98	66.00	4356.81	-1004.85	4240.13	4357.57	103.33	6.24

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40571
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: CANE CREEK
2. NAME OF OPERATOR: FIDELITY E&P COMPANY		8. WELL NAME and NUMBER: Cane Creek Unit 36-2H
3. ADDRESS OF OPERATOR: 1801 California St. Ste 2500 , Denver, CO, 80202		9. API NUMBER: 43019500330000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0267 FSL 0754 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 36 Township: 25.0S Range: 19.0E Meridian: S		9. FIELD and POOL or WILDCAT: BIG FLAT
		COUNTY: GRAND
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/15/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Install artificial lift"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is submitting notice of our intent to install an artificial lift system on the Cane Creek 36-2H. Fidelity would like to install a conventional beam pumping unit system. Fidelity is in the process of evaluating the effectiveness of recent hydraulic rod lift installations. Learnings show that high maintenance requirements on some units are causing well downtime, and may not be a suitable long term lift method. The conventional pumping unit system has a low visual impact of 24 feet at the walking beam. Fidelity has committed to limiting the visual and noise impact of all artificial lift systems in the Paradox field.

Approved by the
March 26, 2015
Oil, Gas and Mining

Date: _____

By: Derek Duff

NAME (PLEASE PRINT) Renee Kendrick	PHONE NUMBER 720 956-5752	TITLE Project Specialist
SIGNATURE N/A	DATE 3/18/2015	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML40571
2. NAME OF OPERATOR: Fidelity E & P Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1801 California St STE 2500 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Cane Creek
4. LOCATION OF WELL FOOTAGES AT SURFACE: 267 FSL 754 FWL		8. WELL NAME and NUMBER: Cane Creek Unit 36.2H
5. PHONE NUMBER: (720) 956-5752		9. API NUMBER: 4301950033
6. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 36 25S 19E S		10. FIELD AND POOL, OR WILDCAT: Big Flat
7. COUNTY: Grand		8. STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 4/15/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>install artificial lift</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Fidelity is submitting notice of our intent to install an artificial lift system on the Cane Creek 36-2H. Fidelity would like to install a conventional beam pumping unit system. Fidelity is in the process of evaluating the effectiveness of recent hydraulic rod lift installations. Learnings show that high maintenance requirements on some units are causing well downtime, and may not be a suitable long term lift method. The conventional pumping unit system has a low visual impact of 24 feet at the walking beam. Fidelity has committed to limiting the visual and noise impact of all artificial lift systems in the Paradox field.

NAME (PLEASE PRINT) Renee Kendrick TITLE Environmental Project Spec.
SIGNATURE Renee Kendrick DATE 3/18/15

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101-1345

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3160 -UTU80000X
(UT922000)

SEP 23 2015

RECEIVED

SEP 25 2015

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL – 91 7199 9991 7034 9478 2796
Return Receipt Requested

Mr. Wesley Adams
Fidelity E&P Company
1801 California Street, Suite 2500
Denver, Colorado 80202

Re: Non-Paying Well Determination
Cane Creek 36-2-25-19 Well
Cane Creek Unit
Grand and San Juan Counties, Utah

Dear Mr. Adams:

Pursuant to your request dated September 9, 2015, it has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Surface	Location	Comp. Date
4301950033	CCU 36-2-25-19	SW¼SW¼	Section 36 T25S R19E SLB&M	8/26/2014

The Cane Creek Unit 36-2-25-19 was drilled as a horizontal completion. The surface location for this well is located in the SW¼SW¼ of Section 36, Township 25 South, Range 19 East, SLB&M on State of Utah Lease ML-UTU53626 within the 2nd Consolidation of the Paradox Participating Area, UTU80000F. The terminus of the horizontal is located in what would probably be lot 8 of Section 1, Township 26 South, Range 19 East, SLB&M, if said section were surveyed, on federal lease UTU64817 located outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F.

The horizontal lateral transverses and produces from lands inside and outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F.

In order to allocate production from the well to lands inside and outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F, you must do one of the following:

1. Isolate and measure the production from each royalty account independently;
2. Acquire commingling approval from our Moab Field Office; or
3. Submit an appropriate Communitization Agreement after the horizontal lateral has been spaced by the Utah Board of Oil, Gas and Mining.

Within 60 days of receipt of this notice please indicate to this office your preferred method for resolution.

If you have any questions, please contact Mickey Coulthard of this office at (801)-539-4042.

Sincerely,



Roger L. Bankert
Chief, Branch of Minerals

cc: Moab Field Office Manager (UTY01)
ONRR
SITLA
Division of Oil, Gas and Mining



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

440 West 200 South, Suite 500

Salt Lake City, UT 84101-1345

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:
3160 -UTU80000X
(UT922000)

OCT 06 2015

RECEIVED

OCT 13 2015

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL - 91 7199 9991 7034 9478 2529
Return Receipt Requested

Mr. Wesley Adams
Fidelity E&P Company
1801 California Street, Suite 2500
Denver, Colorado 80202

Re: Non-Paying Well Determination
Cane Creek 36-2-25-19 Well
Cane Creek Unit
Grand and San Juan Counties, Utah

Dear Mr. Adams:

Please note the following correction in bold to our letter dated September 23, 2015:

Pursuant to your request dated September 9, 2015, it has been determined by this office that under existing conditions the following well is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

API Number	Well Name	Surface	Location	Comp. Date
4301950033	CCU 36-2-25-19 ^H	SW¼SW¼	Section 36 T25S R19E SLB&M	8/26/2014

The Cane Creek Unit 36-2-25-19 was drilled as a horizontal completion. The surface location for this well is located in the SW¼SW¼ of Section 36, Township 25 South, Range 19 East, SLB&M on **State of Utah Lease ML-40571** within the 2nd Consolidation of the Paradox Participating Area, UTU80000F. The terminus of the horizontal is located in what would probably be lot 8 of Section 1, Township 26 South, Range 19 East, SLB&M, if said section were surveyed, on federal lease UTU64817 located outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F.

The horizontal lateral transverses and produces from lands inside and outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F.

In order to allocate production from the well to lands inside and outside of the 2nd Consolidation of the Paradox Participating Area, UTU80000F, you must do one of the following:


1. Isolate and measure the production from each royalty account independently;
2. Acquire commingling approval from our Moab Field Office; or
3. Submit an appropriate Communitization Agreement after the horizontal lateral has been spaced by the Utah Board of Oil, Gas and Mining.

Within 60 days of receipt of this notice please indicate to this office your preferred method for resolution.

If you have any questions, please contact Mickey Coulthard of this office at (801)-539-4042.

Sincerely,



 for Roger L. Bankert
Chief, Branch of Minerals

cc: Moab Field Office Manager (UTY01)
ONRR
SITLA
UDOGM

Effective Date:

3/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Fidelity E&P Company N3155 1801 Californa Street, Suite 2500 Denver, CO 80202	Wesco Operating, Inc. N4030 PO Box 1650 Casper, WY 82602
CA Number(s):	Unit(s): Cane Creek Threemile

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 4/12/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 4/12/2016
3. New operator Division of Corporations Business Number: 8742016-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 4/12/2016
2. Receipt of Acceptance of Drilling Procedures for APD on: 4/12/2016
3. Reports current for Production/Disposition & Sundries: 4/19/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 4/19/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 4/13/2016
6. Surface Facility(s) included in operator change: Blue Hills Gas Plant
Dead House Lateral Pipeline
Dubinky Booster Station
Long Canyon Facility
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB0000685
2. Indian well(s) covered by Bond Number: N/A
3. State/fee well(s) covered by Bond Number(s): RLB0016443

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 4/21/2016 ✓
2. Entity Number(s) updated in **OGIS** on: 4/21/2016
3. Unit(s) operator number update in **OGIS** on: 4/21/2016
4. Surface Facilities update in **OGIS** on: 4/21/2016
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 4/21/2016
6. Surface Facilities update in **RBDMS** on: 4/21/2016

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

Well Name	Section	TWN	RNG	API Numner	Entity	Mineral	Surface	Type	Status	Unit
KANE SPRINGS 16-1	16	250S	180E	4301931341	11484	State	State	WD	A	CANE CREEK
CANE CREEK UNIT 2-2-25-18	2	250S	180E	4301950044		State	State	OW	APD	CANE CREEK
Cane Creek Unit 25-1-25-19	25	250S	190E	4301950048		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 6-1-25-19	6	250S	190E	4301950052		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 29-1-25-19	29	250S	190E	4301950053		Federal	Federal	OW	APD	CANE CREEK
Cane Creek 10-1-25-19	10	250S	190E	4301950054		Federal	Federal	OW	APD	
Cane Creek Unit 30-1-25-19	30	250S	190E	4301950055		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-2-26-20	19	260S	200E	4301950056		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 14-1-25-19	14	250S	190E	4301950057		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 2-3-25-18	2	250S	180E	4301950058		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 16-3-25-18	16	250S	180E	4301950059		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 19-1-25-19	19	250S	190E	4301950060		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 32-2-25-19	32	250S	190E	4301950061		State	State	OW	APD	CANE CREEK
Cane Creek Unit 17-1-25-19	17	250S	190E	4301950062		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 16-4-25-18	16	250S	180E	4301950063		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 2-4-25-18	2	250S	180E	4301950064		Federal	State	OW	APD	CANE CREEK
Cane Creek Unit 5-1-25-18	5	250S	180E	4301950065		Federal	Federal	OW	APD	CANE CREEK
8-2-26-20	8	260S	200E	4301950068		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 19-3-26-20	19	260S	200E	4301950069		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-19	21	250S	190E	4301950070		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 12-2-26-19	12	260S	190E	4301950071		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 26-4-25-19	26	250S	190E	4301950072		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 21-1-25-18	21	250S	180E	4301950073		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 9-1-25-18	9	250S	180E	4301950074		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-19	7	250S	190E	4301950075		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 5-2-25-18	5	250S	180E	4301950076		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 7-1-25-18	7	250S	180E	4301950077		Federal	Federal	OW	APD	CANE CREEK
Cane Creek Unit 13-1-25-18	13	250S	180E	4301950078		Federal	Federal	OW	APD	CANE CREEK
Three Mile Unti 12-3-29-21	12	290S	210E	4303750070		Federal	Federal	OW	APD	THREEMILE
Three Mile Unit 16-2-29-22	16	290S	220E	4303750071		Federal	State	OW	APD	THREEMILE
Cane Creek Unit 7-2-26-20	7	260S	200E	4301950051	19706	Federal	Federal	OW	OPS	CANE CREEK
THREEMILE 16-17	16	290S	220E	4303750003	17984	State	State	OW	OPS	THREEMILE
Three Mile Unit 12-2-29-21	12	290S	210E	4303750069	19646	Federal	Federal	OW	OPS	THREEMILE
KANE SPRINGS FED 27-1	27	250S	190E	4301931310	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 19-1A	19	260S	200E	4301931324	14505	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 10-1	10	250S	180E	4301931331	14509	Federal	Federal	OW	P	CANE CREEK
KANE SPRINGS FED 25-19-34-1	34	250S	190E	4301931334	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK 2-1	2	260S	190E	4301931396	14505	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 12-1	12	260S	190E	4301950009	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 7-1	7	260S	200E	4301950010	18923	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT# 26-2	26	250S	190E	4301950011	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT #18-1	18	260S	200E	4301950012	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK U #13-1	13	260S	190E	4301950014	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 26-3	26	250S	190E	4301950019	14505	Federal	Federal	OW	P	CANE CREEK
CANE CREEK UNIT 28-2	28	250S	190E	4301950020	18681	Federal	Federal	OW	P	
Cane Creek Unit 17-1	17	260S	200E	4301950028	18980	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-1	36	250S	190E	4301950030	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 36-2H	36	250S	190E	4301950033	14505	State	State	OW	P	CANE CREEK
Cane Creek Unit 24-2H	24	260S	190E	4301950034	19342	Federal	Federal	OW	P	CANE CREEK
Cane Creek Unit 36-3H	36	250S	190E	4301950035	19528	State	State	OW	P	CANE CREEK
CANE CREEK UNIT 2-1-25-18	2	250S	180E	4301950036	19343	Federal	State	OW	P	CANE CREEK
Cane Creek Unit 32-1-25-19	32	250S	190E	4301950037	19396	State	State	OW	P	
Cane Creek Unit 28-3	28	250S	190E	4301950045	19767	Federal	Federal	OW	P	CANE CREEK
Cane Creek 32-1-25-20	32	250S	200E	4301950049	19588	State	State	OW	P	
HATCH POINT 1	14	290S	210E	4303731658	11356	Federal	Federal	OW	P	
THREEMILE 43-18H	18	290S	220E	4303731857	17276	Federal	Federal	OW	P	
LONG CANYON 1	9	260S	200E	4301915925	674	Federal	Federal	OW	S	
CANE CREEK 1-1	1	260S	190E	4301931446	14505	Federal	Federal	OW	S	CANE CREEK

From: Fidelity Exploration Production Company N3155

To: Wesco Operating, Inc. N4030

Effective: 3/1/2016

CANE CREEK 24-1	24	260S	190E	4301931447	14505	Federal	Federal	OW	S	CANE CREEK
CANE CREEK 8-1	8	260S	200E	4301931449	16464	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 18-2	18	260S	200E	4301950027	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek Unit 17-2	17	260S	200E	4301950032	14505	Federal	Federal	OW	S	CANE CREEK
Cane Creek 36-1-25-18	36	250S	180E	4301950038	19440	State	State	OW	S	
CHEVRON FED 1	24	290S	230E	4303730005	975	Federal	Federal	OW	S	
Threemile 12-7	12	290S	210E	4303750001	17837	Federal	Federal	OW	S	THREEMILE
LA SAL 29-28	29	290S	230E	4303750002	17920	Federal	Federal	OW	S	
CANE CREEK UNIT 16-2-25-18	16	250S	180E	4301950046	19512	State	State	OW	TA	CANE CREEK

WESCO OPERATING, INC.

O I L & G A S O P E R A T I O N S

RECEIVED

APR 12 2016

DIV. OF OIL, GAS & MINING

April 8, 2016

John Rogers
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210 Box 145801
Salt Lake City, Utah 84114

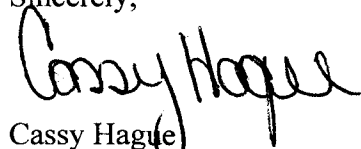
RE: Change of Operator

- A) Wells
 - B) APD'S
 - C) Dubinky Booster Station
 - D) Blue Hills Gas Plant
 - E) Dead Horse Lateral Pipeline
 - F) Authority to Inject
- Sundry Notices

Dear John Rodgers,

Please find enclosed the following documents from Fidelity Exploration & Production Company to Wesco Operating, Inc for your further handing. If you have any further questions please contact us..

Sincerely,



Cassy Hague
307-577-5337

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Exhibit
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See Attached Exhibit
3. ADDRESS OF OPERATOR: 1801 California St., STE 250 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: See Attached Exhibit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached exhibit for all wells and details COUNTY: Grand		8. WELL NAME and NUMBER: See Attached Exhibit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		9. API NUMBER: 10. FIELD AND POOL, OR WILDCAT: See Attached Exhibit

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 3/1/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

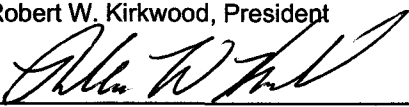
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

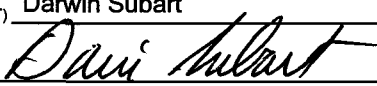
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the wells listed on the attached exhibit and Wesco Operating, Inc. has been designated as successor Operator.

Wesco Operating, Inc.
P.O. Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President


Signature

NAME (PLEASE PRINT) Darwin Subart	TITLE Chief Financial Officer
SIGNATURE 	DATE 4/4/2016

(This space for State use only) BLM:

APPROVED

APR 21 2016

DIV. OIL GAS & MINING
BY: Rachel Medina

Fidelity Exploration & Production Company Paradox Well & APD List

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
14506	4301931310	KANE SPRINGS FED 27-1	KANE SPRINGS FED 27-1-25-19	25S	19E	27	GRAND	UT	Federal	Federal	OW	P✓
14505	4301931324	KANE SPRINGS FED 19-1A	KANE SPRINGS FED 19-1A-ST-26-20	26S	20E	19	GRAND	UT	Federal	Federal	OW	P✓
14509	4301931331	KANE SPRINGS FED 10-1	KANE SPRINGS FED 10-1-25-18	25S	18E	10	GRAND	UT	Federal	Federal	OW	P✓
14506	4301931334	KANE SPRINGS FED 25-19-34-1	KANE SPRINGS FED 25-19-34-1	25S	19E	34	GRAND	UT	Federal	Federal	OW	P✓
	4301931341	KANE SPRINGS 16-1-25-18	Disposal Well	25S	18E	16	GRAND	UT	State	State	SWD	P✓
14505	4301931396	CANE CREEK 2-1	CANE CREEK UNIT 2-1-26-19	26S	19E	2	GRAND	UT	State	State	OW	P✓
14505	4301931446	CANE CREEK 1-1	CANE CREEK UNIT 1-1-26-19	26S	19E	1	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950009	CANE CREEK UNIT 12-1	CANE CREEK UNIT 12-1-26-19	26S	19E	12	GRAND	UT	Federal	Federal	OW	P✓
18923	4301950010	CANE CREEK UNIT 7-1	CANE CREEK UNIT 7-1-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	P✓
14506	4301950011	CANE CREEK UNIT# 26-2	CANE CREEK UNIT 26-2-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950012	CANE CREEK UNIT #18-1	CANE CREEK UNIT 18-1-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950014	CANE CREEK U #13-1	CANE CREEK UNIT 13-1-26-19	26S	19E	13	GRAND	UT	Federal	Federal	OW	P✓
14506	4301950019	CANE CREEK UNIT 26-3	CANE CREEK UNIT 26-3-25-19	25S	19E	26	GRAND	UT	Federal	Federal	OW	P✓
18681	4301950020	CANE CREEK UNIT 28-2	CANE CREEK UNIT 28-2-25-19	25S	19E	28	GRAND	UT	Federal	Federal	OW	P✓
14505	4301950027	Cane Creek Unit 18-2	CANE CREEK UNIT 18-2-26-20	26S	20E	18	GRAND	UT	Federal	Federal	OW	P✓
18980	4301950028	Cane Creek Unit 17-1	CANE CREEK UNIT 17-1-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P✓
19057	4301950030	Cane Creek Unit 36-1	CANE CREEK UNIT 36-1-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
14505	4301950032	Cane Creek Unit 17-2	CANE CREEK UNIT 17-2-26-20	26S	20E	17	GRAND	UT	Federal	Federal	OW	P✓
19527	4301950033	Cane Creek Unit 36-2H	CANE CREEK UNIT 36-2H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
19342	4301950034	Cane Creek Unit 24-2H	CANE CREEK UNIT 24-2-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	P✓
19528	4301950035	Cane Creek Unit 36-3H	CANE CREEK UNIT 36-3H-25-19	25S	19E	36	GRAND	UT	State	State	OW	P✓
19396	4301950037	Cane Creek Unit 32-1-25-19	CANE CREEK UNIT 32-1-25-19	25S	19E	32	GRAND	UT	State	State	OW	P✓
19767	4301950045	Cane Creek Unit 28-3	CANE CREEK UNIT 28-3-25-19	26S	19E	28	GRAND	UT	Federal	Federal	OW	P✓
19588	4301950049	Cane Creek 32-1-25-20	CANE CREEK 32-1-25-20	25S	20E	32	GRAND	UT	State	State	OW	P✓
11356	4303731658	HATCH POINT 1	HATCH POINT FEDERAL 1	29S	21E	14	SAN JUAN	UT	Federal	Federal	OW	P✓ 26-P
17276	4303731857	THREEMILE 43-18H	THREEMILE UNIT 43-18H-29-22	29S	22E	18	SAN JUAN	UT	Federal	Federal	OW	P✓
19706	4301950051	Cane Creek Unit 7-2-26-20	CANE CREEK UNIT 7-2-26-20	26S	20E	7	GRAND	UT	Federal	Federal	OW	OPS✓
17984	4303750003	THREEMILE 16-17	THREEMILE UNIT 16-17-29-22	29S	22E	16	SAN JUAN	UT	State	State	OW	OPS✓ 3 OPS
19646	4303750069	Three Mile Unit 12-2-29-21	THREE MILE UNIT 12-2-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	OPS✓
19343	4301950036	CANE CREEK UNIT 2-1-25-18	CANE CREEK UNIT 2-1-25-18	25S	18E	2	GRAND	UT	Federal	State	OW	TA✓ 2TA
19512	4301950046	CANE CREEK UNIT 16-2-25-18	CANE CREEK UNIT 16-2-25-18	25S	18E	16	GRAND	UT	State	State	OW	TA✓
674	4301915925	LONG CANYON 1	LONG CANYON 1	26S	20E	9	GRAND	UT	Federal	Federal	OW	S✓
14505	4301931447	CANE CREEK 24-1	CANE CREEK UNIT 24-1-26-19	26S	19E	24	GRAND	UT	Federal	Federal	OW	S✓
16464	4301931449	CANE CREEK 8-1	CANE CREEK UNIT 8-1-26-20	26S	20E	8	GRAND	UT	Federal	Federal	OW	S✓
19440	4301950038	Cane Creek 36-1-25-18	CANE CREEK 36-1-25-18	25S	18E	36	GRAND	UT	State	State	OW	S✓
975	4303730005	CHEVRON FED 1	CHEVRON FEDERAL 1H	29S	23E	24	SAN JUAN	UT	Federal	Federal	OW	S✓ 7-S
17837	4303750001	Threemile 12-7	THREEMILE UNIT 12-7-29-21	29S	21E	12	SAN JUAN	UT	Federal	Federal	OW	S✓
17920	4303750002	LA SAL 29-28	LA SAL UNIT 29-28-29-23	29S	23E	29	SAN JUAN	UT	Federal	Federal	OW	S✓
	4301950044	CANE CREEK UNIT 2-2-25-18		250S	180E	2	GRAND	UT	State	State	OW	APD✓
	4301950048	Cane Creek Unit 25-1-25-19		250S	190E	25	GRAND	UT	Federal	Federal	OW	APD✓
	4301950052	Cane Creek Unit 6-1-25-19		250S	190E	6	GRAND	UT	Federal	Federal	OW	APD✓
	4301950053	Cane Creek Unit 29-1-25-19		250S	190E	29	GRAND	UT	Federal	Federal	OW	APD✓ 2APD
	4301950054	Cane Creek 10-1-25-19		250S	190E	10	GRAND	UT	Federal	Federal	OW	APD✓
	4301950055	Cane Creek Unit 30-1-25-19		250S	190E	30	GRAND	UT	Federal	Federal	OW	APD✓
	4301950056	Cane Creek Unit 19-2-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD✓

<u>Entity #</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>AKA Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
4301950057		Cane Creek Unit 14-1-25-19		250S	190E	14	GRAND	UT	Federal	Federal	OW	APD ✓
4301950058		Cane Creek Unit 2-3-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950059		Cane Creek Unit 16-3-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950060		Cane Creek Unit 19-1-25-19		250S	190E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950061		Cane Creek Unit 32-2-25-19		250S	190E	32	GRAND	UT	State	State	OW	APD ✓
4301950062		Cane Creek Unit 17-1-25-19		250S	190E	17	GRAND	UT	Federal	Federal	OW	APD ✓
4301950063		Cane Creek Unit 16-4-25-18		250S	180E	16	GRAND	UT	Federal	State	OW	APD ✓
4301950064		Cane Creek Unit 2-4-25-18		250S	180E	2	GRAND	UT	Federal	State	OW	APD ✓
4301950065		Cane Creek Unit 5-1-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950068		8-2-26-20		260S	200E	8	GRAND	UT	Federal	Federal	OW	APD ✓
4301950069		Cane Creek Unit 19-3-26-20		260S	200E	19	GRAND	UT	Federal	Federal	OW	APD ✓
4301950070		Cane Creek Unit 21-1-25-19		250S	190E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950071		Cane Creek Unit 12-2-26-19		260S	190E	12	GRAND	UT	Federal	Federal	OW	APD ✓
4301950072		Cane Creek Unit 26-4-25-19		250S	190E	26	GRAND	UT	Federal	Federal	OW	APD ✓
4301950073		Cane Creek Unit 21-1-25-18		250S	180E	21	GRAND	UT	Federal	Federal	OW	APD ✓
4301950074		Cane Creek Unit 9-1-25-18		250S	180E	9	GRAND	UT	Federal	Federal	OW	APD ✓
4301950075		Cane Creek Unit 7-1-25-19		250S	190E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950076		Cane Creek Unit 5-2-25-18		250S	180E	5	GRAND	UT	Federal	Federal	OW	APD ✓
4301950077		Cane Creek Unit 7-1-25-18		250S	180E	7	GRAND	UT	Federal	Federal	OW	APD ✓
4301950078		Cane Creek Unit 13-1-25-18		250S	180E	13	GRAND	UT	Federal	Federal	OW	APD ✓
4303750070		Three Mile Unti 12-3-29-21		290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD ✓
4303750071		Three Mile Unit 16-2-29-22		290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD ✓
4301950036		CANE CREEK UNIT 2-1-25-18H2		25S	18E	2	GRAND	UT	Federal	State	OW	APD ✓

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

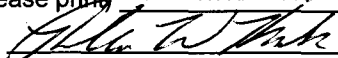
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See attached well list
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Fidelity Exploration & Production Company
Date original permit was issued:	
Company that permit was issued to:	Fidelity Exploration & Production Company

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____		

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Robert W. Kirkwood Title President
Signature  Date 4/4/10
Representing (company name) Wesco Operating, Inc.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Fidelity Exploration & Production Company Paradox APD List

<u>Date Issued</u>	<u>API #</u>	<u>Permitted Well Name</u>	<u>Township</u>	<u>Range</u>	<u>Section(s)</u>	<u>County</u>	<u>State</u>	<u>Mineral</u>	<u>Surface</u>	<u>Well Type</u>	<u>Well Status</u>
3/4/2014	4301950044	CANE CREEK UNIT 2-2-25-18	250S	180E	2	GRAND	UT	State	State	OW	APD
2/19/2015	4301950048	Cane Creek Unit 25-1-25-19	250S	190E	25	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950052	Cane Creek Unit 6-1-25-19	250S	190E	6	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950053	Cane Creek Unit 29-1-25-19	250S	190E	29	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950054	Cane Creek 10-1-25-19	250S	190E	10	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950055	Cane Creek Unit 30-1-25-19	250S	190E	30	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950056	Cane Creek Unit 19-2-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
6/26/2014	4301950057	Cane Creek Unit 14-1-25-19	250S	190E	14	GRAND	UT	Federal	Federal	OW	APD
7/21/2014	4301950058	Cane Creek Unit 2-3-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950059	Cane Creek Unit 16-3-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
8/6/2014	4301950060	Cane Creek Unit 19-1-25-19	250S	190E	19	GRAND	UT	Federal	Federal	OW	APD
9/22/2014	4301950061	Cane Creek Unit 32-2-25-19	250S	190E	32	GRAND	UT	State	State	OW	APD
7/30/2014	4301950062	Cane Creek Unit 17-1-25-19	250S	190E	17	GRAND	UT	Federal	Federal	OW	APD
8/12/2014	4301950063	Cane Creek Unit 16-4-25-18	250S	180E	16	GRAND	UT	Federal	State	OW	APD
9/24/2014	4301950064	Cane Creek Unit 2-4-25-18	250S	180E	2	GRAND	UT	Federal	State	OW	APD
9/2/2014	4301950065	Cane Creek Unit 5-1-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
11/25/2014	4301950068	8-2-26-20	260S	200E	8	GRAND	UT	Federal	Federal	OW	APD
12/19/2014	4301950069	Cane Creek Unit 19-3-26-20	260S	200E	19	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950070	Cane Creek Unit 21-1-25-19	250S	190E	21	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950071	Cane Creek Unit 12-2-26-19	260S	190E	12	GRAND	UT	Federal	Federal	OW	APD
1/13/2015	4301950072	Cane Creek Unit 26-4-25-19	250S	190E	26	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950073	Cane Creek Unit 21-1-25-18	250S	180E	21	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950074	Cane Creek Unit 9-1-25-18	250S	180E	9	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950075	Cane Creek Unit 7-1-25-19	250S	190E	7	GRAND	UT	Federal	Federal	OW	APD
1/20/2015	4301950076	Cane Creek Unit 5-2-25-18	250S	180E	5	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950077	Cane Creek Unit 7-1-25-18	250S	180E	7	GRAND	UT	Federal	Federal	OW	APD
1/14/2015	4301950078	Cane Creek Unit 13-1-25-18	250S	180E	13	GRAND	UT	Federal	Federal	OW	APD
7/8/2014	4303750070	Three Mile Unti 12-3-29-21	290S	210E	12	SAN JUAN	UT	Federal	Federal	OW	APD
10/2/2014	4303750071	Three Mile Unit 16-2-29-22	290S	220E	16	SAN JUAN	UT	Federal	State	OW	APD
12/16/2014	4301950036	Cane Creek Unit 2-1-25-18 H2	25S	18E	2	GRAND	UT	Federal	State	OW	APD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Blue Hills Gas Plant</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-90108
2. NAME OF OPERATOR: Fidelity Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1801 California St., STE 250 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 893-3133		8. WELL NAME and NUMBER: Blue Hills Gas Plant
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: <u>Grand</u>		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Blue Hills Gas Plant located in T23S-R19E, Sections 20, 29. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.
P.O Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President

Signature Robert W. Kirkwood

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE <u>Darwin Subart</u>	DATE <u>4/4/2016</u>

(This space for State use only)

APPROVED

APR 21 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Compressor Booster Station</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: <u>Fidelity Exploration & Production Company</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1801 California St., STE 250</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: <u>(303) 893-3133</u>		8. WELL NAME and NUMBER: <u>Dubinky Booster Station</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY: <u>Grand</u>		
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>3/1/2016</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

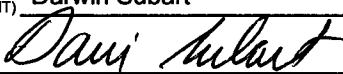
Effective March 1, 2016, Fidelity Exploration & Production Company (Operator Number N1355) resigns as Operator of the Dubinky Booster Station located along Dubinky Road, approximately 18 miles northwest of Moab, 599142 E 4280872 N UTM Zone 12, NAD83. Wesco Operating, Inc. has been named as successor Operator.

Wesco Operating, Inc.
P.O. Box 1650
Casper, Wyoming 82602
Phone 307-265-5178

Fidelity Exploration & Production Company
1801 California Street, Suite 2500
Denver, Colorado 80202
Phone 303-893-3133

Wesco Operating, Inc.
Robert W. Kirkwood, President

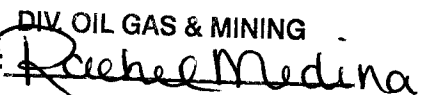

Signature

NAME (PLEASE PRINT) <u>Darwin Subart</u>	TITLE <u>Chief Financial Officer</u>
SIGNATURE 	DATE <u>4/4/2016</u>

(This space for State use only)

APPROVED

APR 21 2016

DIV OIL GAS & MINING
BY: 

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

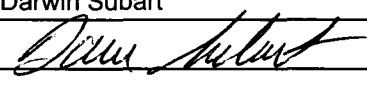
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT


Well Name and Number Kane Springs 16-1	API Number 4301931341
Location of Well Footage : 960' FSL 1960' FWL County : Grand QQ, Section, Township, Range: SESW 16 25 18 State : UTAH	Field or Unit Name Cane Creek Lease Designation and Number ML-44333

EFFECTIVE DATE OF TRANSFER: 3/1/2016

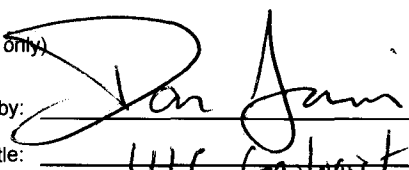
CURRENT OPERATOR

Company: <u>Fidelity Exploration & Production Company</u>	Name: <u>Darwin Subart</u>
Address: <u>1801 California Street, Suite 2500</u>	Signature: <u></u>
city <u>Denver</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Chief Financial Officer</u>
Phone: <u>(303) 893-3133</u>	Date: <u>4/4/2016</u>
Comments:	

NEW OPERATOR

Company: <u>Wesco Operating, Inc.</u>	Name: <u>Robert W. Kirkwood</u>
Address: <u>P.O. Box 1650</u>	Signature: <u></u>
city <u>Casper</u> state <u>WY</u> zip <u>82602</u>	Title: <u>President</u>
Phone: <u>(307) 265-5178</u>	Date: <u>4/7/16</u>
Comments:	

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 4/13/16

Comments: